

ePBMCデータベースの検索方法

ご準備: インターネットブラウザ設定のクッキーを有効にしてください。

〈例1 HLA A24*2402タイプのロットを検索する〉

①Start Searchingをクリックします

CTL. ePBMC® Searchable Database

ImmunoSpot Homepage List of samples My list

Using the ePBMC® search engine, you will be able to select human samples with defined HLA-type, antigen reactivity, demographics, vaccination status and more.

NEW! In addition to the IFN- γ characterization, data are now available on the frequency of T cells that secrete IL-2, IL-4, IL-5, and IL-17 in response to Tetanus, EBV, and CMV (all HLA Class II-restricted antigens); and the CEF-Peptide Pool PLUS (an HLA Class I-restricted control antigen)

For immediate assistance please call +1-216-325-7232 during our business hours, 9:00AM-5:00PM (EDT).

Start searching

Please click on the arrow on the left side of the sample row to see more information about the sample.

	Lot number	Donor#	Cells/Vial	Ethnicity	Age	Gender	Blood type	HLA Class I A	HLA Class I B	HLA Class I C	HLA Class II DR	HLA Class II DQA	HLA Class II DQB	HLA Class II DP	Cytokine
									R1R*1801				DQ2*0202		

②Search criteriaのプルダウンより、HLA Typeを選択します。

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You may add more search criteria by clicking the "New filter" button.

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Filters:

Search criteria [Remove filter]

Search criteria

Lot number [data] [Show entire database] [Clear all filters]

HLA Type

Antigen Reactivity

Cytokines

Antigen Spot Count

Demographics

ms, please call +1-216-325-7232 or send an e-mail to reagents@immunospot.com.

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ImmunoSpot Homepage List of samples My list

④下記のような画面に切り替わります。A*2402をプルダウンから選択します。

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Filters:

HLA Type [Class I] [HLA-A] [A1*0101] [Duplicate filter] [Remove filter]

New filter [Show all data] [Show entire database] [Clear all filters]

	Lot number
Add to list	LP_28
Add to list	LP_64
Add to list	LP_78
Add to list	LP_80
Add to list	LP_81
Add to list	LP_84
Add to list	LP_86

HLA Class I A

A1*0101, A2*0201
A1*0101, A1*0101
A1*0101, A1*0101
A1*0101, A2*0201
A1*0101, A68*6802
A1*0101, A3*0301
A1*0101, A68*6802

⑤HLA A24*2402のリストが表示されますので、Lot numberをご指定の上、在庫本数をお問い合わせください。

〈例2 HLA A2*0201タイプで、CMVpp65 peptide poolに対してIFN-γの反応性が高いロットを検索する〉

① Start Searchingをクリックします。他の条件を検索後、操作を行う場合はNew filterをクリックします。

The screenshot shows the CTL ePBMCSearchable Database homepage. At the top, there are logos for CTL and ePBMCSearchable Database. Below the logos, there are navigation links: ImmunoSpot Homepage, List of samples, and My list. A main heading reads: "Using the ePBMCS® search engine, you will be able to select human samples with defined HLA-type, antigen reactivity, demographics, vaccination status and more." Below this, there is a "NEW!" announcement: "NEW! In addition to the IFN-γ characterization, data are now available on the frequency of T cells that secrete IL-2, IL-4, IL-5, and IL-17 in response to Tetanus, EBV, and CMV (all HLA Class II-restricted antigens), and the CEF-Peptide Pool PLUS (an HLA Class I-restricted control antigen)". A "Start searching" button is circled in yellow. Below the announcement, there is a table with columns: Lot number, Donor#, Cells/Vial, Ethnicity, Age, Gender, Blood type, HLA Class I A, HLA Class I B, HLA Class I C, HLA Class II DR, HLA Class II DQA, HLA Class II DQB, HLA Class II DP, and Cytokine. The first row of data shows "R181801" under HLA Class I B and "DQ2*0202" under HLA Class II DP.

② Search criteriaのプルダウンより、HLA Typeを選択し、例1と同様にHLA A2*0201のフィルターをかけます。

The screenshot shows the CTL ePBMCSearchable Database search criteria dropdown menu. The "Search criteria" dropdown is open, showing options: Search criteria, Lot number, HLA Type, Antigen Reactivity, Cytokines, Antigen Spot Count, and Demographics. The "HLA Type" option is selected. Below the dropdown, there are buttons: "Remove filter", "Show entire database", and "Clear all filters". At the bottom, there is a footer with "CTL ePBMCS © 2012-2014 Cellular Technology" and navigation links: ImmunoSpot Homepage, List of samples, and My list.

③ Duplicate filterをクリックすると以下のような表示になります。

The screenshot shows the CTL ePBMCSearchable Database search filters. The "HLA Type" dropdown is set to "Class I", "HLA-A", and "A2*0201". The "Duplicate filter" button is circled in yellow. Below the filters, there are buttons: "New filter", "Show all data", "Show entire database", and "Clear all filters".

④ HLA TypeのプルダウンからCytokinesを選択し、次のプルダウンからIFN-γを選択します。

The screenshot shows the CTL ePBMCSearchable Database search filters. The "HLA Type" dropdown is set to "Class I", "HLA-A", and "A2*0201". The "Cytokines" dropdown is selected, and "IFN-γ" is chosen. The "Duplicate filter" button is circled in yellow. Below the filters, there are buttons: "New filter", "Show all data", "Show entire database", and "Clear all filters".

⑤ さらにDuplicate filterをクリックし、Antigen reactivity、CMV pp65 Peptide pool をそれぞれプルダウンから選択します。

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You may add more search criteria by clicking the "New filter" button.

NEW! In addition to the IFN-γ characterization, data are now available on the frequency of T cells that secrete IL-2, IL-4, IL-5, and IL-17 in response to Tetanus, EBV, and CMV (all HLA Class II-restricted antigens); and the CEF-Peptide Pool PLUS (an HLA Class I-restricted control antigen).

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Filters:

HLA Type: Class I, HLA-A, A2*0201 [Duplicate filter] [Remove filter]

Search criteria: [Remove filter]

Cytokines: IFN-g [Duplicate filter] [Remove filter]

Antigen Reactivity: Class I Restricted, CMVpp65 Peptide Pool [Duplicate filter] [Remove filter]

[New filter] Show all data [Show entire database] [Clear all filters]

Please click on the arrow on the left side of the sample row to see more information about the sample.

	Lot number	HLA Class I A	Cytokine
▶ [Add to list]	LP_102	A2*0201, A31*3101	IFN-g, IL-2, IL-4, IL-5, IL-17
▶ [Add to list]	LP_109	A1*0101, A2*0201	IFN-g, IL-2, IL-4, IL-5, IL-17
▶ [Add to list]	LP_110	A2*0201, A2*0202	IFN-g, IL-2, IL-4, IL-5, IL-17

⑥ さらにDuplicate filterをクリックし、Antigen Spot Countを選択し、High Medium Low Noの中からHighを選びます。

* 抗原に対する反応性はELISPOTのスポット数でテストしております。

Using the ePBMC® search engine, you will be able to select human samples with defined HLA-type, antigen reactivity, demographics and more. Please, define your search criteria by opening the drop-down box below.

You may add more search criteria by clicking the "New filter" button.

NEW! In addition to the IFN-γ characterization, data are now available on the frequency of T cells that secrete IL-2, IL-4, IL-5, and IL-17 in response to Tetanus, EBV, and CMV (all HLA Class II-restricted antigens); and the CEF-Peptide Pool PLUS (an HLA Class I-restricted control antigen).

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Filters:

HLA Type: Class I, HLA-A, A2*0201 [Duplicate filter] [Remove filter]

Search criteria: [Remove filter]

Cytokines: IFN-g [Duplicate filter] [Remove filter]

Antigen Reactivity: Class I Restricted, CMVpp65 Peptide Pool [Duplicate filter] [Remove filter]

Antigen Spot Count: High (>100) [Duplicate filter] [Remove filter]

[New filter] Show all data [Show entire database] [Clear all filters]

Please click on the arrow on the left side of the sample row to see more information about the sample.

	Lot number	HLA Class I A	Cytokine
▶ [Add to list]	LP_110	A2*0201, A2*0202	IFN-g, IL-2, IL-4, IL-5, IL-17

⑦ リストが表示されますので、Lot numberをもとに在庫状況をお問い合わせください。

Note: 各ロット詳細情報をご覧になる場合は、表の一番左にある▶ マークをクリックしてください。

Antigen Spot Count: High (>100) [Duplicate filter] [Remove filter]

[New filter] Show all data [Show entire database] [Clear all filters]

Please click on the arrow on the left side of the sample row to see more information about the sample.

	Lot number	HLA Class I A	Cytokine				
▶ [Add to list]	LP_110	A2*0201, A2*0202	IFN-g, IL-2, IL-4, IL-5, IL-17				
	Name	Cytokine	Epitope	Sequence	HLA Restriction Class I	HLA Restriction Class II	Spot count
	CMVpp65 Peptide Pool	IFN-g	JPT		Class I	Class II	237
▶ [Add to list]	LP_111	A2*0201, A68*6802				IFN-g, IL-2, IL-4, IL-5, IL-17	

その他の機能

○ My list機能

興味のあるロットを、Add to listボタンによって選り分けておくことができます。
My Listに加えた後は、画面上のMy Listボタンからご覧いただけます。

The screenshot shows the ePBMC Searchable Database interface. At the top, there are navigation tabs: 'ImmunoSpot Homepage', 'List of samples', and 'My list'. The 'My list' tab is circled in yellow. Below the navigation, there is a search area with a 'Start searching' button. A table of sample data is displayed below, with 'Add to list' buttons circled in yellow for each row.

	Lot number	Donor#	Cells/Vial	Ethnicity	Age	Gender	Blood type	HLA Class I A	HLA Class I B	HLA Class I C	HLA Class II DR	HLA Class II DQA	HLA Class II DQB	HLA Class II DP
▶ Add to list	LP_8	8	>10x10 ⁶	Caucasian	49	Female	A/pos	A2*0201, A2*0205	B18*1801, B45*4504	Cw6*0602, Cw7*0701	DR7*0701, DR11*1104	*0201, *0505	DQ2*0202, DQ7*0301	w4*0401, *50
▶ Add to list	LP_15	13	>10x10 ⁶	Hispanic	32	Male	O/pos	A2*0211/12/13, A30*3002	B39*3905, B44*4403	Cw7*0702, *1601	DR7*0701, DR14*1406	*0201, *0503	DQ2*0202, DQ3*0301	w3*0301, *1401
▶ Add to list	LP_20	18	>10x10 ⁶	Caucasian	28	Male	A/pos	A2*0205, A24*2402	B8*0801, B50*5001	Cw6*0602, Cw7*0701	DR7*0701, DR15*1501	*0102, *0201	DQ2*0202, DQ6*0602	w4*0401
▶ Add to list	LP_28	24	>10x10 ⁶	Caucasian	46	Female	O/pos	A1*0101, A2*0201	B14*1402, B41*4102	Cw7*0701, *1703	DR13*1302, DR13*1303	*0102, *0501	DQ7*0301, DQ6*0609	w4*0401, w5*0501

○ 以前購入したロットの情報をご覧になる場合

ロット番号で検索することができます。

Start searching > search criteriaをLot numberにする > ボックスに「LP_XX」と入力して検索

○ サイトカイン反応性のデータを表示させる方法

表の一番左にある▶ マークをクリックしてください。▶マークが表示されていないときは、「Add My List」機能で My Listに入れていただき、My List 一覧からご覧いただけますと表示されます。

The screenshot shows the search results page. At the top, there are filter options: 'Antigen Spot Count' (High (>100)), 'Duplicate filter', and 'Remove filter'. Below that are 'New filter', 'Show all data', 'Show entire database', and 'Clear all filters'. A table of results is displayed, with a blue arrow pointing to the 'Add to list' button in the first row.

	Lot number	HLA Class I A	Cytokine			
▶ Add to list	LP_110	A2*0201, A2*0202	IFN-g, IL-2, IL-4, IL-5, IL-17			
Name	Cytokine	Epitope	Sequence	HLA Restriction Class I	HLA Restriction Class II	Spot count
CMVpp65 Peptide Pool	IFN-g	JPT		Class I	Class II	237
▶ Add to list	LP_111	A2*0201, A68*6802	IFN-g, IL-2, IL-4, IL-5, IL-17			