

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
									R18*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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PBMCs have been tested in our ImmunoSpot® (ELISPOT) assay system. The antigen induced spots are recorded at 400.000 cells/well; the medium control in each case is <10 spots/well.

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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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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

A1*0101
A1*0101
A1*0102
A11*1101
A12*1202
A2*0201
A2*0202
A2*0205
A2*0206
A2*0211/12/13
A23*2301
A23*2317
A24*2402
A24*2403
A24*2407

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〉

①Start 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。

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.

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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
									R18*1801					DQ2*0202	

②Search 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。

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Filters:

Search criteria Remove filter

Search criteria

Lot number

HLA Type

Antigen Reactivity

Cytokines

Antigen Spot Count

Demographics

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

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Filters:

HLA Type Class I HLA-A A2*0201 **Duplicate filter** Remove filter

Search criteria Remove filter

HLA Type Class I HLA-A A2*0201 Duplicate filter Remove filter

New filter ☐ Show all data Show entire database 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。

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Filters:

HLA Type Class I HLA-A A2*0201 Duplicate filter Remove filter

Search criteria Remove filter

HLA Type Class I HLA-A A2*0201 Duplicate filter Remove filter

New filter ☐ Show all data Show entire database 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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Filters:

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

Search criteria: Remove filter

Cytokines: IFN-γ, 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-γ, IL-2, IL-4, IL-5, IL-17
▶ Add to list	LP_109	A1*0101, A2*0201	IFN-γ, IL-2, IL-4, IL-5, IL-17
▶ Add to list	LP_110	A2*0201, A2*0202	IFN-γ, 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。

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Filters:

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

Search criteria: Remove filter

Cytokines: IFN-γ, 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-γ, 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-γ, 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-γ	JPT		Class I	Class II	237

▶ Add to list LP_111 A2*0201, A68*6802 IFN-α, 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。

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[Start searching](#)

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	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

Show all dataのボックスに✓を入れます。

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-γ, IL-2, IL-4, IL-5, IL-17														
<table border="1"><thead><tr><th>Name</th><th>Cytokine</th><th>Epitope</th><th>Sequence</th><th>HLA Restriction Class I</th><th>HLA Restriction Class II</th><th>Spot count</th></tr></thead><tbody><tr><td>CMVpp65 Peptide Pool</td><td>IFN-γ</td><td>JPT</td><td></td><td>Class I</td><td>Class II</td><td>237</td></tr></tbody></table>				Name	Cytokine	Epitope	Sequence	HLA Restriction Class I	HLA Restriction Class II	Spot count	CMVpp65 Peptide Pool	IFN-γ	JPT		Class I	Class II	237
Name	Cytokine	Epitope	Sequence	HLA Restriction Class I	HLA Restriction Class II	Spot count											
CMVpp65 Peptide Pool	IFN-γ	JPT		Class I	Class II	237											
▶ Add to list	LP_111	A2*0201, A68*6802	IFN-α, IL-2, IL-4, IL-5, IL-17														