

Product datasheet

Anti-Eotaxin 2 antibody [61016.11] ab10370

製品の概要

製品名	Anti-Eotaxin 2 antibody [61016.11]
製品の詳細	Mouse monoclonal [61016.11] to Eotaxin 2
由来種	Mouse
特異性	When used as a capture antibody in human eotaxin 2 sandwich ELISAs, this antibody exhibits less than 0.03 % cross-reactivity with recombinant human eotaxin, MIP1 alpha, and MCP3.
アプリケーション	適用あり: ELISA, WB, Neutralising
種交差性	交差種: Human
免疫原	Purified recombinant human eotaxin 2, expressed in E. coli as immunogen.
特記事項	Endotoxin: <10 ng/mg antibody determined by the LAL method.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: None Constituents: PBS
精製度	Protein G purified
特記事項 (精製)	The antibody is purified from the IgG fraction of ascites fluid using protein G affinity chromatography.
ポリ/モノ	モノクローナル
クローン名	61016.11
アイソタイプ	IgG1

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab10370** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
ELISA		
WB		
Neutralising		
追加情報	<p>ELISA: Use at a concentration of 2 µg/ml. Neut: Use at a concentration of 1 - 5 µg/ml. WB: Use at a concentration of 1 - 2 µg/ml. Predicted molecular weight: 10.6 kDa. The detection limit for human eotaxin 2 is approximately 1 ng/lane under non-reducing and reducing conditions.</p> <p>Eotaxin 2 has the ability to neutralize the biological activity of recombinant human eotaxin 2. To measure this activity, recombinant human eotaxin 2 is incubated with various concentrations of the antibody for 30 minutes at room temperature in a 96 well microplate. Following this preincubation period, 35 µl of the cytokine-antibody solution (containing recombinant human eotaxin 2 at a final concentration of 0.1 µg/ml and antibody at concentrations from 0.01 to 100 µg/ml) is transferred to the lower compartment of a 96 well chemotaxis chamber. The chemotaxis chamber is then assembled using a PVP-free polycarbonate filter (5 micron pore size) and 2 x 10⁶ cells/ well (CCR-3 transfected Y3 cells) are added to the top chamber. After incubation for 3 hours at 37 °C in a 5 % CO₂ humidified incubator, the chamber is disassembled and the cells that have migrated through to the lower chamber are transferred to a working plate and stained using MTT. Absorbance is read on a microplate reader.</p> <p>The exact concentration of antibody required to neutralize recombinant human eotaxin activity is dependent on the cytokine concentration, cell type, growth conditions, and the type of activity.</p> <p>The Neutralization Dose₅₀ (ND₅₀) for the antibody is defined as that concentration required to yield one-half maximal inhibition of the eotaxin 2 activity on a responsive cell line, when eotaxin 2 is present at a concentration just high enough to elicit a maximum response.</p> <p>The Neutralization Dose₅₀ (ND₅₀) for this antibody is approximately 1 to 5 µg/ml in the presence of 100 ng/ml of recombinant human eotaxin 2, measuring the chemotaxis of rat myeloid Y3 cells transfected with the human CCR3 gene.</p> <p>Not tested in other applications. Optimal dilutions/concentrations should be determined by the end user.</p>	
ターゲット情報	<p>機能 Chemotactic for resting T-lymphocytes, and eosinophils. Has lower chemotactic activity for neutrophils but none for monocytes and activated lymphocytes. Is a strong suppressor of colony formation by a multipotential hematopoietic progenitor cell line. Binds to CCR3.</p> <p>組織特異性 Activated monocytes and activated T lymphocytes.</p> <p>配列類似性 Belongs to the intercrine beta (chemokine CC) family.</p> <p>翻訳後修飾 N-glycosylated.</p> <p>細胞内局在 Secreted.</p>	

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