

Product datasheet

Anti-IL6R antibody [AP-MAB0848] ab83053

★★★★☆ 2 Abreviews 3 References 画像数 1

製品の概要

製品名	Anti-IL6R antibody [AP-MAB0848]
製品の詳細	Rat monoclonal [AP-MAB0848] to IL6R
由来種	Rat
アプリケーション	適用あり: IP, Flow Cyt, Inhibition Assay, ICC/IF, WB
種交差性	交差種: Mouse
免疫原	Mouse recombinant IL-6R alpha chain
特記事項	This monoclonal can be used to block IL-6/IL-6R interactions.

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. Avoid freeze / thaw cycles.
バッファー	Preservative: None Constituents: PBS
特記事項 (精製)	The IgG fraction of culture supernatant was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 µm filtered solution in phosphate buffered saline.
一次抗体 備考	This monoclonal can be used to block IL-6/IL-6R interactions.
ポリ/モノ	モノクローナル
クローン名	AP-MAB0848
アイソタイプ	IgG2b

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab83053** in the following tested applications.

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

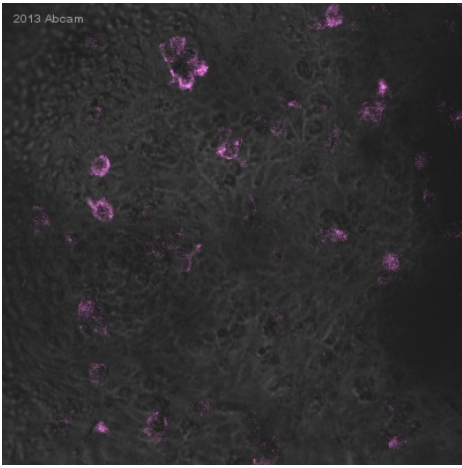
アプリケーション	Abreviews	特記事項
IP		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. ab18536 - Rat monoclonal IgG2b, is suitable for use as an isotype control with this antibody.
Inhibition Assay		Use at an assay dependent concentration.
ICC/IF	★★★★☆	Use at an assay dependent concentration.
WB	★★★★☆	Use at an assay dependent concentration. Detects a band of approximately 55 kDa (predicted molecular weight: 52 kDa).

ターゲット情報

機能	Part of the receptor for interleukin 6. Binds to IL6 with low affinity, but does not transduce a signal. Signal activation necessitate an association with IL6ST. Activation may lead to the regulation of the immune response, acute-phase reactions and hematopoiesis. Low concentration of a soluble form of IL6 receptor acts as an agonist of IL6 activity.
組織特異性	Isoform 2 is expressed in peripheral blood mononuclear cells and weakly found in urine and serum.
配列類似性	Belongs to the type I cytokine receptor family. Type 3 subfamily. Contains 1 fibronectin type-III domain. Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
ドメイン	The two fibronectin type-III-like domains, contained in the N-terminal part, form together a cytokine-binding domain. The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.
翻訳後修飾	A short soluble form may also be released from the membrane by proteolysis.
細胞内局在	Secreted and Basolateral cell membrane.

画像

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Immunocytochemistry/ Immunofluorescence - Anti-IL6R antibody [AP-MAB0848] (ab83053)

This image is courtesy of an Abreview submitted by U.R. Markert

ab83053 staining IL6R in Mouse stem cells by ICC/IF

(Immunocytochemistry/immunofluorescence).

Cells were fixed with methanol and blocked with 10% Milk for 150 minutes at 22°C.

Samples were incubated with primary antibody (1/100 in 10% Milk) for 2.5 hours at 22°C. A Cy5[®]-conjugated Goat anti-rat IgG polyclonal (1/100) was used as the secondary antibody.

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