

Product datasheet

Anti-IL15RA antibody [RM0103-6C38] ab86486

2 References

製品の概要

製品名	Anti-IL15RA antibody [RM0103-6C38]
製品の詳細	Rat monoclonal [RM0103-6C38] to IL15RA
由来種	Rat
アプリケーション	適用あり: WB
種交差性	交差種: Mouse
免疫原	Recombinant fragment, corresponding to the extracellular domain of Mouse IL15RA

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
特記事項 (精製)	The IgG fraction of culture supernatant was purified by protein A/G affinity chromatography and 0.2µm filtered.
ポリ/モノ	モノクローナル
クローン名	RM0103-6C38
アイソタイプ	IgG2a

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab86486** 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
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WB

追加情報

WB: 1/500 - 1/1000. Predicted molecular weight: 28 kDa (isoform 1).

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

ターゲット情報

機能	Receptor for interleukin-15. Expression of different isoforms may alter or interfere with signal transduction. Isoform 5, isoform 6, isoform 7 and isoform 8 do not bind IL15. Signal transduction involves STAT3, STAT5, STAT6, JAK2 (By similarity) and SYK.
組織特異性	Isoform 1, isoform 3, isoform 4, isoform 5, isoform 6, isoform 7, isoform 8 and isoform 9 are widely expressed. Expressed in fetal brain with higher expression in the hippocampus and cerebellum than in cortex and thalamus. Higher levels of soluble sIL-15RA form in comparison with membrane-bound forms is present in all brain structures.
配列類似性	Contains 1 Sushi (CCP/SCR) domain.
翻訳後修飾	A soluble form (sIL-15RA) arises from proteolytic shedding of the membrane-anchored receptor. The cleavage involves ADAM17/TACE (By similarity). It also binds IL-15 and thus interferes with IL-15 binding to the membrane receptor. Phosphorylated by activated SYK. N-glycosylated and O-glycosylated.
細胞内局在	Secreted > extracellular space; Membrane. Nucleus membrane. Mainly found associated with the nuclear membrane and Endoplasmic reticulum membrane. Golgi apparatus membrane. Cytoplasmic vesicle membrane. Membrane. Isoform 5, isoform 6, isoform 7 and isoform 8 are associated with endoplasmic reticulum, Golgi and cytoplasmic vesicles, but not with the nuclear membrane.

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