

Product datasheet

Anti-IL4 antibody [4C4 AD2] ab25071

製品の概要

製品名	Anti-IL4 antibody [4C4 AD2]
製品の詳細	Mouse monoclonal [4C4 AD2] to IL4
由来種	Mouse
特異性	This antibody recognizes natural and recombinant IL4.
アプリケーション	適用あり: ELISA
種交差性	交差種: Rat
免疫原	Recombinant full length IL4 protein (Rat).

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.1% Sodium Azide. Constituents: PBS.
精製度	Protein A purified
特記事項 (精製)	This antibody was purified from ascites by affinity chromatography.
ポリ/モノ	モノクローナル
クローン名	4C4 AD2
ミエローマ	NS0
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab25071** 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		

追加情報

ELISA as a capture antibody: Use at a concentration of 1.25 µg/ml.

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

Participates in at least several B-cell activation processes as well as of other cell types. It is a costimulator of DNA-synthesis. It induces the expression of class II MHC molecules on resting B-cells. It enhances both secretion and cell surface expression of IgE and IgG1. It also regulates the expression of the low affinity Fc receptor for IgE (CD23) on both lymphocytes and monocytes.

関連疾患

Genetic variations in IL4 may be a cause of susceptibility to ischemic stroke (ISCHSTR) [MIM:601367]; also known as cerebrovascular accident or cerebral infarction. A stroke is an acute neurologic event leading to death of neural tissue of the brain and resulting in loss of motor, sensory and/or cognitive function. Ischemic strokes, resulting from vascular occlusion, is considered to be a highly complex disease consisting of a group of heterogeneous disorders with multiple genetic and environmental risk factors.

配列類似性

Belongs to the IL-4/IL-13 family.

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