


Product datasheet

Anti-IL-4 antibody [MP4-25D2] - BSA and Azide free ab210303

Overview

Product name	Anti-IL-4 antibody [MP4-25D2] - BSA and Azide free
Description	Rat monoclonal [MP4-25D2] to IL-4 - BSA and Azide free
Host species	Rat
Tested applications	Suitable for: Neutralising, Flow Cyt
Species reactivity	Reacts with: Human Predicted to work with: Rhesus monkey 
Immunogen	The details of the immunogen for this antibody are not available.
General notes	Endotoxin Level: Less than or equal to 0.01 EU/µg, as determined by the LaL assay.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Constituents: 0.12% Monobasic dihydrogen sodium phosphate, 0.87% Sodium chloride
Carrier free	Yes
Purity	Affinity purified
Purification notes	Purified from tissue culture supernatant.
Clonality	Monoclonal
Clone number	MP4-25D2
Isotype	IgG1
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab210303** in the following tested applications.

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

Application	Abreviews	Notes
Neutralising		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration.

Target

Function	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.
Involvement in disease	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.
Sequence similarities	Belongs to the IL-4/IL-13 family.
Cellular localization	Secreted.

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