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anti-LAG3 antibody (N-Term)



8

Publications



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Overview

Quantity:	100 μg
Target:	LAG3
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunoprecipitation (IP), Immunocytochemistry (ICC), Functional Studies (Func)
Product Details	
Immunogen:	Synthetic peptide corresponding to 30 aa in the N-terminus of human LAG-3.
Clone:	17B4

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Isotype:	lgG1
Specificity:	Recognizes human LAG-3.
Cross-Reactivity:	Human
Purity:	>95 % (SDS-PAGE)
Endotoxin Level:	<0.001EU/µg purified protein or <1EU/mg purified protein (LAL test, Lonza).

Target Details

Target: LAG3

Target Details

Alternative Name:	LAG-3 (LAG3 Products)
Background:	Lymphocyte activation gene 3 (LAG-3, CD223) plays an important role in negatively regulating T cell proliferation, function and homeostasis. It is required for maximal natural and induced regulatory T cell (Treg) function. LAG-3 is closely related to the T cell co-receptor CD4 and binds to MHC class II molecules but with a significantly higher affinity than CD4.
UniProt:	P18627
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Cancer Immune Checkpoints
Application Details	

Optimal working dilution should be determined by the investigator.

For Research Use only

Handling

Restrictions:

Application Notes:

Format:	Liquid
Concentration:	Lot specific
Buffer:	In PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Stable for at least 1 year after receipt when stored at -20°C.
Expiry Date:	12 months

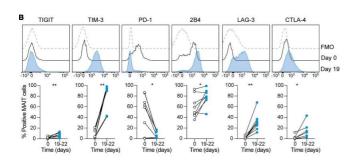
Publications

Product cited in:

Sobolik-Delmaire, Reddy, Pashaj, Roberts, Wahl: "Plakophilin-1 localizes to the nucleus and interacts with single-stranded DNA." in: **The Journal of investigative dermatology**, Vol. 130, Issue 11, pp. 2638-46, (2010) (PubMed).

There are more publications referencing this product on: Product page

Images



Functional Studies

Image 1. Representative example and average expression of the indicated inhibitory receptorson MAIT cells over time in culture (n = 6-8) using LAG-3 antibody (ABIN1169105). Source: 10.1172/jci.insight.140074