

Datasheet for ABIN1169105
anti-LAG3 antibody (N-Term)[Go to Product page](#)

1 Image

8 Publications

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
Isotype:	IgG1
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

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

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](#)

Functional Studies

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

