



LAG3

Rabbit Monoclonal antibody(Mab)
Catalog # AD80600

Specification

LAG3 - Product info

Application IHC-P
Primary Accession P18627
Reactivity Human
Host Rabbit
Clonality Monoclonal
Calculated MW 57449

LAG3 - Additional info

Gene ID 3902

Other Names

Lymphocyte activation gene 3 protein, LAG-3, CD223, Secreted lymphocyte activation gene 3 protein, sLAG-3, LAG3 (HGNC:6476), FDC

Dilution IHC-P~~N/A

Storage

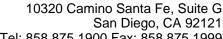
Maintain refrigerated at 2-8°C

LAG3 - Protein Information

Name LAG3 (HGNC:6476)

Synonyms Function **FDC**

Lymphocyte activation gene 3 protein: Inhibitory receptor on antigen activated T-cells (PubMed:20421648, PubMed:7805750, PubMed:8647185). Delivers inhibitory signals upon binding to ligands, such as FGL1 (By similarity). FGL1 constitutes a major ligand of LAG3 and is responsible for LAG3 T-cell inhibitory function (By similarity). Following TCR engagement, LAG3 associates with CD3-TCR in the immunological synapse and directly inhibits T-cell activation (By similarity). May inhibit antigen-specific T-cell activation in synergy with PDCD1/PD-1, possibly by acting as a





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coreceptor for PDCD1/PD-1 (By similarity). Negatively regulates the proliferation, activation, effector function and homeostasis of both CD8(+) and CD4(+) T-cells (PubMed: 20421648, PubMed: 7805750, PubMed: 8647185). Also mediates immune tolerance: constitutively expressed on a subset of regulatory T-cells (Tregs) and contributes to their suppressive function (By similarity). Also acts as a negative regulator of plasmacytoid dendritic cell (pDCs) activation (By similarity). Binds MHC class II (MHC-II); the precise role of MHC-II-binding is however unclear (PubMed:8647185). [Lymphocyte activation gene 3 protein]: Cell membrane; Single-pass type I membrane protein **Primarily expressed in activated T-cells** and a subset of natural killer (NK) cells.

Cellular Location

Tissue Location

LAG3 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

LAG3 - Images