



Datasheet for ABIN748508
anti-LAG3 antibody (AA 201-300)



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Overview

Quantity:	100 µL
Target:	LAG3
Binding Specificity:	AA 201-300
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LAG3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Lymphocyte Activation Gene 3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	LAG3
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Target Details

Alternative Name:	Lymphocyte Activation Gene 3 (LAG3 Products)
Background:	Synonyms: CD223, Lymphocyte activation gene 3 protein, LAG-3, Lag3 Background: Lymphocyte-activation protein 3 (LAG-3), also known as CD223, belongs to the immunoglobulin superfamily and contains 4 extracellular Ig-like domains. LAG-3 binds to HLA class-II antigens and is involved in lymphocyte activation. It is found on the cell surface of activated NK and T-lymphocytes. The sequence data, exon/intron organization, and chromosomal localization all indicate a close relationship of LAG-3 to CD4.
Gene ID:	297596
UniProt:	Q5BK54
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Cancer Immune Checkpoints

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

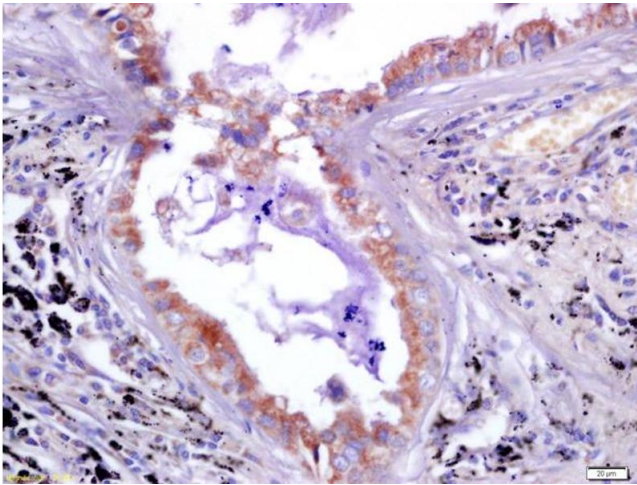
Expiry Date: 12 months

Publications

Product cited in: Chen, Huang, Lu, Wang, Chi: "Antitumor effects of the silencing of programmed cell death ligand 1 in colorectal cancer via immunoregulation." in: **Oncology reports**, Vol. 40, Issue 6, pp. 3370-3380, (2018) ([PubMed](#)).

Parodi, Battaglia, Kalli, Ferrera, Conteduca, Tardito, Stringara, Ivaldi, Negrini, Borgonovo, Simonato, Traverso, Carmignani, Fenoglio, Filaci: "CD39 is highly involved in mediating the suppression activity of tumor-infiltrating CD8+ T regulatory lymphocytes." in: **Cancer immunology, immunotherapy : CII**, Vol. 62, Issue 5, pp. 851-62, (2013) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human lung carcinoma labeled with Anti-LAG-3/CD223 Polyclonal Antibody, Unconjugated (ABIN748508) at 1:200 followed by conjugation to the secondary antibody and DAB staining