

# Product datasheet

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# ARG58719 anti-CD223 / LAG3 antibody

Package: 100 μl Store at: -20°C

### **Summary**

Product Description Rabbit Polyclonal antibody recognizes CD223 / LAG3

Tested Reactivity Hu, Ms, Rat

Tested Application WB

Host Rabbit

**Clonality** Polyclonal

Isotype IgG

Target Name CD223 / LAG3

Species Human

Immunogen Recombinant fusion protein corresponding to aa. 29-170 of Human LAG3 (NP\_002277.4).

Conjugation Un-conjugated

Alternate Names CD antigen CD223; CD223; Protein FDC; Lymphocyte activation gene 3 protein; LAG-3

# **Application Instructions**

Application table	Application	Dilution
	WB	1:1000 - 1:4000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Raji	
Observed Size	72 kDa	

#### **Properties**

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

# Bioinformation

Gene Symbol LAG3

Gene Full Name lymphocyte-activation gene 3

Background Lymphocyte-activation protein 3 belongs to Ig superfamily and contains 4 extracellular Ig-like domains.

The LAG3 gene contains 8 exons. The sequence data, exon/intron organization, and chromosomal

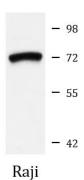
localization all indicate a close relationship of LAG3 to CD4. [provided by RefSeq, Jul 2008]

Function Involved in lymphocyte activation. Binds to HLA class-II antigens. [UniProt]

Calculated Mw 57 kDa

Cellular Localization Membrane, Single-pass type I membrane protein. [UniProt]

# **Images**



#### ARG58719 anti-CD223 / LAG3 antibody WB image

Western blot: 25  $\mu g$  of Raji cell lysate stained with ARG58719 anti-CD223 / LAG3 antibody at 1:1000 dilution.