

CD223/LAG-3 (PN0567) Nb-FC recombinant antibody

Catalog No :	YA0193
Reactivity :	Human
Applications :	ELISA
Target :	CD223/LAG-3
Gene Name :	LAG3 FDC
Protein Name :	Lymphocyte activation gene 3 protein (LAG-3) (CD antigen CD223) [Cleaved into: Secreted lymphocyte activation gene 3 protein (sLAG-3)]
Human Gene Id :	3902
Human Swiss Prot No :	P18627
Immunogen :	Purified recombinant Human CD223
Specificity :	This recombinant monoclonal antibody can detects endogenous levels of CD223/LAG-3 protein.
Formulation :	Phosphate-buffered solution
Source :	Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell
Dilution :	ELISA 1:5000-100000
Purification :	Recombinant Expression and Affinity purified
Concentration :	Please check the information on the tube
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
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 :

Involves in lymphocyte activation. Binds to HLA class-II antigens.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,similarity:Contains 3 Ig-like C2-type (immunoglobulin-like) domains.,tissue specificity:On cell surface of activated NK and T-lymphocytes.,

Subcellular Location :

[Lymphocyte activation gene 3 protein]: Cell membrane ; Single-pass type I membrane protein .; [Secreted lymphocyte activation gene 3 protein]: Secreted . Produced following cleavage of the main chain. .

Expression :

Primarily expressed in activated T-cells and a subset of natural killer (NK) cells.

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