

**CD223/LAG-3 (PN0565) Nb-FC recombinant antibody**

<b>Catalog No :</b>	YA0191
<b>Reactivity :</b>	Human
<b>Applications :</b>	ELISA
<b>Target :</b>	CD223/LAG-3
<b>Gene Name :</b>	LAG3 FDC
<b>Protein Name :</b>	Lymphocyte activation gene 3 protein (LAG-3) (CD antigen CD223) [Cleaved into: Secreted lymphocyte activation gene 3 protein (sLAG-3)]
<b>Human Gene Id :</b>	3902
<b>Human Swiss Prot No :</b>	P18627
<b>Immunogen :</b>	Purified recombinant Human CD223
<b>Specificity :</b>	This recombinant monoclonal antibody can detects endogenous levels of CD223/LAG-3 protein.
<b>Formulation :</b>	Phosphate-buffered solution
<b>Source :</b>	Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell
<b>Dilution :</b>	ELISA 1:5000-100000
<b>Purification :</b>	Recombinant Expression and Affinity purified
<b>Concentration :</b>	Please check the information on the tube
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
<b>Background :</b>	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.,

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**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. .

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**Expression :**

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

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