



# CD223 Polyclonal Antibody

<b>Catalog No</b>	BYab-14036
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	LAG3
<b>Protein Name</b>	Lymphocyte activation gene 3 protein
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human LAG3. AA range:91-140
<b>Specificity</b>	CD223 Polyclonal Antibody detects endogenous levels of CD223 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	LAG3; FDC; Lymphocyte activation gene 3 protein; LAG-3; Protein FDC; CD223
<b>Observed Band</b>	57kD
<b>Cell Pathway</b>	[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. .
<b>Tissue Specificity</b>	Primarily expressed in activated T-cells and a subset of natural killer (NK) cells.
<b>Function</b>	function:Involved 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.,
<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],

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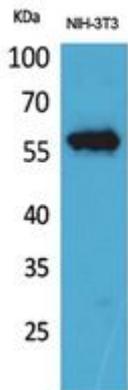
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of NIH-3T3 cells using CD223 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000