

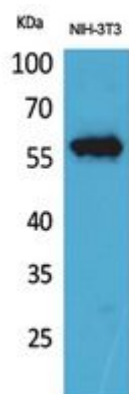


CD223 Polyclonal Antibody

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