

## CD223 Polyclonal Antibody

<b>Catalog No :</b>	YT5480
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	CD223
<b>Gene Name :</b>	LAG3
<b>Protein Name :</b>	Lymphocyte activation gene 3 protein
<b>Human Gene Id :</b>	3902
<b>Human Swiss Prot No :</b>	P18627
<b>Mouse Gene Id :</b>	16768
<b>Mouse Swiss Prot No :</b>	Q61790
<b>Rat Gene Id :</b>	297596
<b>Rat Swiss Prot No :</b>	Q5BK54
<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>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	57kD
<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],
<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>Subcellular Location :</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>Expression :</b>	Primarily expressed in activated T-cells and a subset of natural killer (NK) cells.
<b>Sort :</b>	3470
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

## Products Images



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