

## **CD223 Polyclonal Antibody**

Catalog No: YT5480

**Reactivity:** Human; Rat; Mouse;

**Applications:** WB;ELISA

Target: CD223

Gene Name: LAG3

**Protein Name:** Lymphocyte activation gene 3 protein

P18627

Q61790

Human Gene Id: 3902

**Human Swiss Prot** 

No:

Mouse Gene ld: 16768

**Mouse Swiss Prot** 

No:

**Rat Gene Id:** 297596

Rat Swiss Prot No: Q5BK54

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

**Dilution:** WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

**Concentration**: 1 mg/ml

**Storage Stability:** -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 57kD

**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 RefSeg, Jul 2008],

**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.,

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.

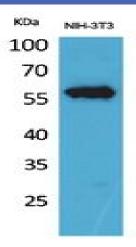
**Sort :** 3470

**No4**:

Host: Rabbit

Modifications: Unmodified

## **Products Images**



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