

---

**Product Name: CD223 Mouse Monoclonal Antibody****Catalog #: AMM82069**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,ELISA,FC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	57.4kDa

**Antigen Information**

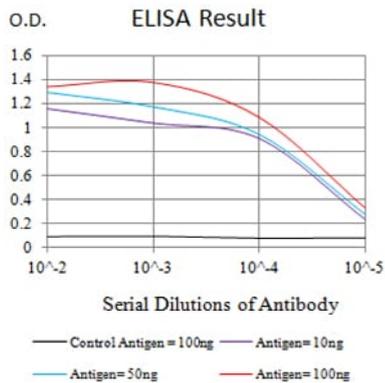
<b>Gene Name</b>	CD223
<b>Alternative Names</b>	LAG3
<b>Gene ID</b>	3902.0
<b>SwissProt ID</b>	P18627
<b>Immunogen</b>	Purified recombinant fragment of human CD223 (AA: extra 66-199) expressed in E. Coli.

**Background**

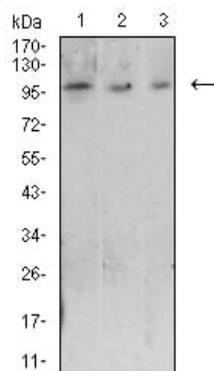
Lymphocyte-activation protein 3 belongs to Ig superfamily and contains 4 extracellular Ig-like domains. The LAG3 gene contains 8 exons. The sequence data, exon/intron organization, and chromosomal localization all indicate a close relationship of LAG3 to CD4.

## Research Area

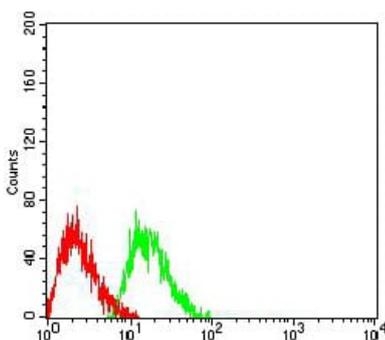
## Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using CD223 mouse mAb against Raji (1), Ramos (2), and MOLT4 (3) cell lysate.



Flow cytometric analysis of Jurkat cells using CD223 mouse mAb (green) and negative control (red).