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LAG-3 Rabbit mAb

Catalog No.: A29504 Recombinant

Basic Information

Observed MW
60-80 kDa

Calculated MW
57 kDa

Category
Primary antibody

Applications
WB,IF/ICC,ELISA

Cross-Reactivity
Mouse

CloneNo number
ARC4110

Background

Enables MHC class II protein binding activity and transmembrane signaling receptor activity. Involved in several processes, including negative regulation of T cell mediated immune response to tumor cell; negative regulation of T cell receptor signaling pathway; and negative regulation of regulatory T cell differentiation. Acts upstream of or within several processes, including negative regulation of T cell activation; negative regulation of interleukin-2 production; and positive regulation of natural killer cell mediated cytotoxicity. Located in external side of plasma membrane and extracellular region. Is active in plasma membrane. Orthologous to human LAG3 (lymphocyte activating 3).

Recommended Dilutions

WB	1:3000 - 1:15000
IF/ICC	1:100 - 1:200
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000)，a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID
16768

Swiss Prot
Q61790

Immunogen
This information is considered to be commercially sensitive.

Synonyms

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

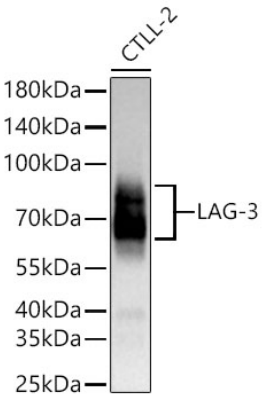
Contact

400-999-6126

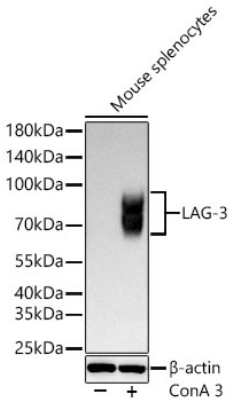
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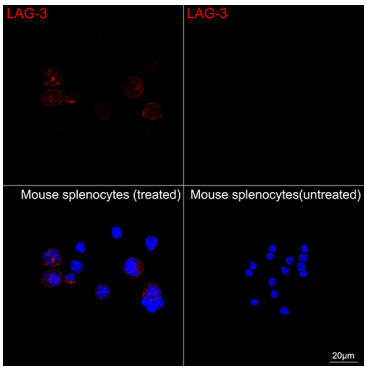
Validation Data



Western blot analysis of lysates from CTLL-2 cells using LAG-3 Rabbit mAb (A29504) at 1:5000 dilution incubated overnight at 4℃.|Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.|Lysates/proteins: 25 µg per lane.|Blocking buffer: 3% nonfat dry milk in TBST.|Detection: ECL Basic Kit (RM00020).|Exposure time: 5 s.



Western blot analysis of lysates from Mouse splenocytes using LAG-3 Rabbit mAb (A29504) at 1:5000 dilution incubated overnight at 4℃. Mouse splenocytes were treated with ConA 3 (2.5 µg/ml) at 37℃ for 3 days.|Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.|Lysates/proteins: 30 µg per lane.| Blocking buffer: 3% nonfat dry milk in TBST.| Detection: ECL Basic Kit (RM00020).| Exposure time: 5 s.



Confocal imaging of Mouse splenocytes (treated with CA) and Mouse splenocytes (untreated) using LAG-3 Rabbit mAb (A29504, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.