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Recombinant anti-LAG3 antibody

Images



Overview

Quantity:	200 μg
Target:	LAG3
Reactivity:	Mouse
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This LAG3 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP), Blocking Peptide (BP)

Product Details

Immunogen:	This antibody was raised by immunising Lewis rats with a murine LAG-3:Ig fusion protein.
Clone:	C9B7W
Isotype:	IgG kappa
Characteristics:	Original Species of Ab: Rat Original Format of Ab: IgG1
Purification:	Purified antibody.

Target Details

Target:	LAG3
Alternative Name:	Lag3 (LAG3 Products)

Target Details

Background:	CD223, LAG-3, Lymphocyte activation gene 3 protein
UniProt:	Q61790
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process,
	Cancer Immune Checkpoints

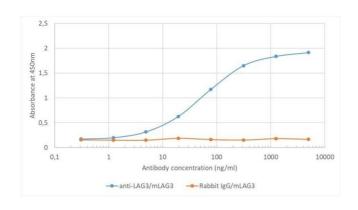
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG1 format, for improved compatibility with existing reagents, assays and techniques.
Restrictions:	For Research Use only

Handling

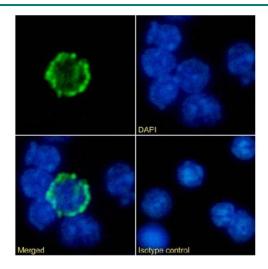
Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Images



ELISA

Image 1. Binding curve of anti-Lag3 antibody C9B7W (ABIN7072564) to recombinant mouse Lag3 Fc-Fusion Protein. ELISA Plate coated with recombinant mouse Lag3 Fc-Fusion Protein at a concentration of 2 μg/mL. A 4-fold serial dilution from 5,000 ng/mL was performed using ABIN7072564. For detection, a 1:4000 dilution of HRP-labelled anti-rabbit antibody was used.



Immunofluorescence

2. Immunofluorescence Image staining of mouse splenocytes anti-Lag3 antibody C9B7W using Immunofluorescence analysis of paraformaldehyde fixed mouse splenocytes immobilized on Shi-fix™ cover-slips and stained with the chimeric rabbit IgG version of C9B7W (ABIN7072564) at 10 µg/mL followed by Alexa Fluor® 488 secondary antibody (2 µg/mL), showing membrane staining in subset of cells. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom ABIN7072564, DAPI, merged channels and an isotype control. The isotype control was stained with anti-Fluorescein antibody (ABIN5668035) followed by Alexa Fluor® 488 secondary antibody.