

LAG3 antibody [C9B7W] (PE)

Cat. No. GTX43144

Host	Rat
Clonality	Monoclonal
Isotype	IgG1
Application	FACS
Reactivity	Mouse

Reference (2)

Package

100 µg

PRODUCT

Summary

The C9B7W monoclonal antibody reacts with mouse CD223, also known as Lymphocyte-activation gene 3 (LAG3). CD223 is a 70 kDa member of the Ig superfamily and is structurally homologous to CD4. Like CD4, CD223 binds to MHC Class II but with higher affinity than CD4. CD223 is expressed on T cells activated through the T cell receptor and on activated NK cells.

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
FACS	Assay dependent
Not tested in other applications.	

Calculated MW 57 kDa. ([Note](#))

Product Note This antibody recognizes an epitope within the D2 domain of LAG3.

PROPERTIES

Form	Liquid
Buffer	10mM NaH ₂ PO ₄ , 150mM NaCl, 0.1% Gelatin
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.
Concentration	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Murine LAG3 Ig fusion protein.
Purification	Purified by affinity chromatography From tissue culture supernatant
Conjugation	Phycoerythrin (PE)



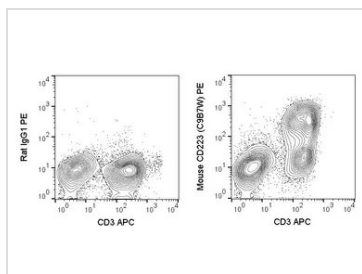
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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTx43144 FACS Image

FACS analysis of C57Bl/6 splenocytes stimulated for 3 days with ConA stained APC anti-mouse CD3 antibody, followed by staining with GTx43144 LAG3 antibody [C9B7W] (PE).

Right panel : Co-stained with APC anti-mouse CD3 antibody and GTx43144

Left panel : Co-stained with APC anti-mouse CD3 antibody and PE rat IgG1 isotype control

Antibody amount : 0.5 µg



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