

Datasheet for ABIN610381
anti-CD40 Ligand antibody



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2 Publications

Overview

Quantity:	100 µg
Target:	CD40 Ligand (CD40LG)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD40 Ligand antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (IHC), ELISA, Functional Studies (Func)

Product Details

Immunogen:	Human sgp39 fusion protein.
	Type of Immunogen: Fusion protein
Clone:	24-31
Isotype:	IgG1
Specificity:	Immunoprecipitates a CD154 (gp39) molecule of about 39 kd.
Purification:	Protein A purified

Target Details

Target:	CD40 Ligand (CD40LG)
Alternative Name:	CD40LG / CD40L / CD154 (CD40LG Products)

Target Details

Background:	Name/Gene ID: CD40LG Family: TNF Synonyms: CD40LG, CD154, CD154 antigen, CD40-L, CD40 ligand, CD40L, gp39, HIGM1, IGM, IMD3, T-BAM, TNFSF5, CD40 antigen ligand, CD54, HCD40L, T-B cell-activating molecule, T-cell antigen Gp39, TNF-related activation protein
Gene ID:	959
UniProt:	P29965
Pathways:	NF-kappaB Signaling , Production of Molecular Mediator of Immune Response , Cancer Immune Checkpoints

Application Details

Application Notes:	Approved: ELISA, Flo, Func, IHC, WB Usage: Function: Blocks MLR, sgp39 induced human B cell proliferation and T cell dependent B cell differentiation. The applications listed have been tested for the unmodified form of this product. Other forms have not been tested.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	50 mM sodium phosphate, pH 7.5, 100 mM potassium chloride, 150 mM sodium chloride
Preservative:	Azide free
Handling Advice:	Do not freeze. Open under aseptic conditions.
Storage:	4 °C
Storage Comment:	Store at 4°C. Do not freeze. Open under aseptic conditions.

Publications

Product cited in:	Ros-Baro, Lopez-Iglesias, Peiro, Bellido, Palacin, Zorzano, Camps: "Lipid rafts are required for
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GLUT4 internalization in adipose cells." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 98, Issue 21, pp. 12050-5, (2001) ([PubMed](#)).

Laporte, Oakley, Zhang, Holt, Ferguson, Caron, Barak: "The beta2-adrenergic receptor/betaarrestin complex recruits the clathrin adaptor AP-2 during endocytosis." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 96, Issue 7, pp. 3712-7, (1999) ([PubMed](#)).