

# Product Datasheet

## CD40 Ligand/TNFSF5 Antibody (MR-1) - BSA Free NBP1-47234

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NBP1-47234****CD40 Ligand/TNFSF5 Antibody (MR-1) - BSA Free**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	MR-1
<b>Preservative</b>	15mM Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	Phosphate buffered saline (PBS), pH 7.4
<b>Target Molecular Weight</b>	39 kDa

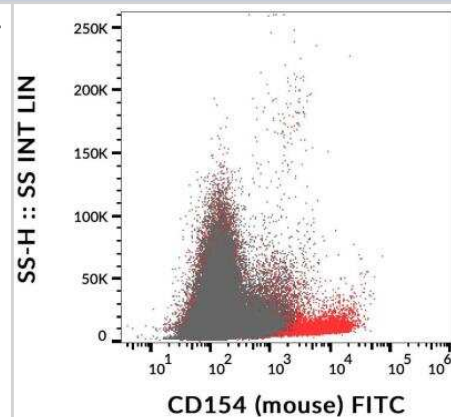
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Armenian Hamster CD40 Ligand/TNFSF5 Antibody (MR-1) - BSA Free (NBP1-47234) is a monoclonal antibody validated for use in IHC, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Armenian Hamster
<b>Gene ID</b>	959
<b>Gene Symbol</b>	CD40LG
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	The Armenian hamster monoclonal antibody MR-1 detects mouse CD154 / CD40L (CD40-ligand), a 39 kDa cell surface type II glycoprotein expressed predominantly on activated CD4+ lymphocytes.
<b>Immunogen</b>	Activated mouse Th1 clone D1.6

<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	Flow Cytometry 4 ug/ml, Immunohistochemistry 1:200, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:50, CyTOF-ready
<b>Application Notes</b>	Functional Application: Blocking T cell costimulation in vivo. This antibody is CyTOF ready.



## Images

Flow Cytometry: CD40 Ligand/TNFSF5 Antibody (MR-1) [NBP1-47234] - Surface staining of activated murine splenocytes (PHA + PMA + ionomycin for 6 hours) using anti-CD154 (MR-1) FITC.



Separation of CD154 positive cells (red-filled) from CD154 negative cells (black-dashed) in Analysis (surface staining) of murine PMA, ionomycin and LPS stimulated splenocytes stained using anti-mouse CD154 (MR-1) purified antibody (concentration in sample 3 ug/ml, GAArH APC).





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### **Products Related to NBP1-47234**

NB120-5738	Goat anti-Armenian Hamster IgG (H+L) Secondary Antibody
NBP2-35244-10ug	Recombinant Human CD40 Ligand/TNFSF5 Protein
210-TA-005	TNF-alpha [Unconjugated]
DCDL40	CD40 Ligand/TNFSF5 [HRP]

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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