

Product Datasheet

CD40LG Antibody (orb1410562)

Catalog Number	orb1410562
Category	Antibodies
Description	Mouse monoclonal antibody to CD40 Ligand
Target	CD40LG
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG1
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml.
Purification	Protein G
Immunogen	Recombinant fragment (around aa 108-261) of human CD40LG protein(exact sequence is proprietary)
UniProt ID	P29965
MW	36kDa
Tested applications	IHC
Specificity	Specifically expressed on activated CD4+ T-lymphocytes.

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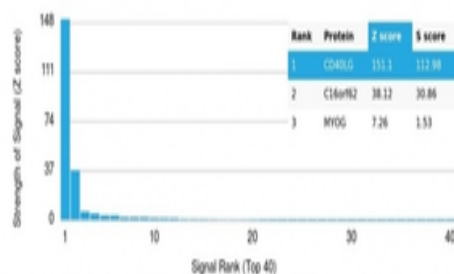
Clone Number CD40LG/4675

Expression System Bioreactor

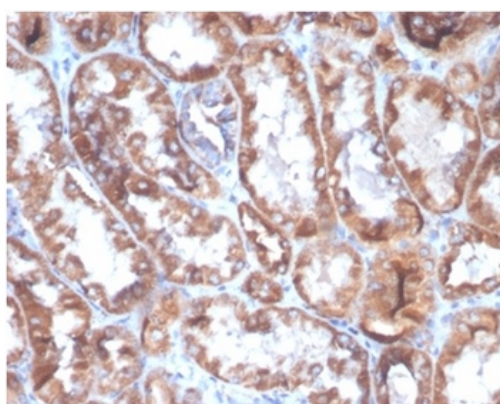
Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note For research use only

Expiration Date 12 months from date of receipt.



Analysis of Protein Array containing more than 19000 full-length human proteins using CD40-Ligand Mouse Monoclonal Antibody (CD40LG/4675). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



Formalin-fixed, paraffin-embedded human kidney stained with CD40L-Monospecific Mouse Monoclonal Antibody (D40LG/4675) at 2 ug/ml. HIER: Tris/EDTA, pH9.0, 45 min. 2°C: HRP-polymer, 30 min. DAB, 5 min.

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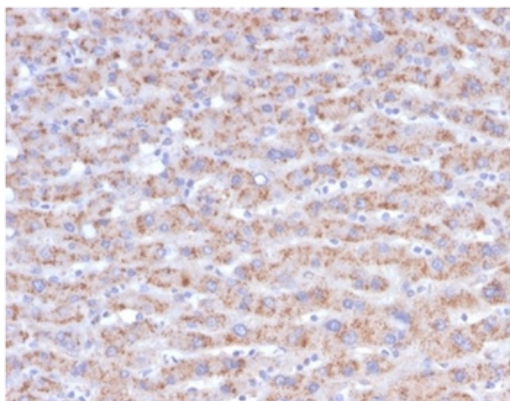
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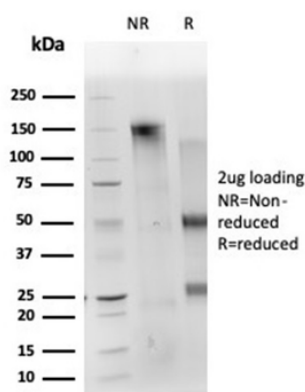
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Formalin-fixed, paraffin-embedded human liver carcinoma in colon stained with CD40L-Monospecific Mouse Monoclonal Antibody (CD40LG/4675) at 2 ug/ml. HIER: Tris/EDTA, pH9.0, 45 min. 2°C: HRP-polymer, 30 min. DAB, 5 min.



SDS-PAGE Analysis of Purified CD40L-Monospecific Mouse Monoclonal Antibody (CD40LG/4675). Confirmation of Purity and Integrity of Antibody.

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