

B7-H6 / NCR3LG1 (Natural Killer Cell Cytotoxicity Receptor 3 Ligand 1) Antibody

Mouse Monoclonal Antibody [Clone B7H6/4821]

Catalog No	Format	Size
374383-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
374383-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
374383-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

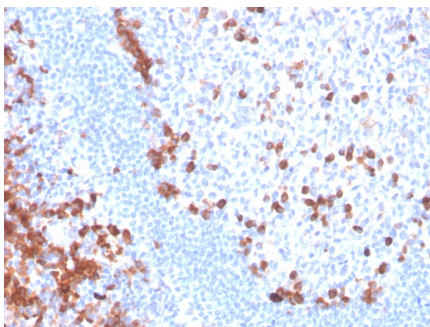
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

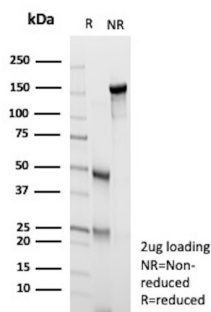
Clone	B7H6/4821
Gene Name	NCR3LG1
Immunogen	Recombinant fragment (around aa38-169) of human NCR3LG protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	51kDa
Cellular Localization	Cell membrane
Species Reactivity	Human
Positive Control	HeLa or K562 cells. Human tonsil or gallbladder.

*Optimal dilution for a specific application should be determined.

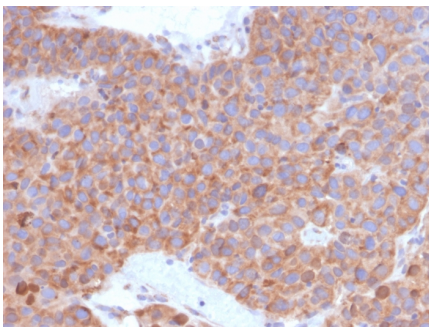
Product Images for B7-H6 / NCR3LG1 (Natural Killer Cell Cytotoxicity Receptor 3 Ligand 1) Antibody



Formalin-fixed, paraffin-embedded human tonsil stained with B7-H6 /NCR3LG1 Mouse Monoclonal Antibody (B7H6/4821).



SDS-PAGE Analysis of Purified B7-H6 Mouse Monoclonal Antibody (B7H6/4821). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human liver carcinoma in colon stained with B7-H6/ NCR3LG1 Mouse Monoclonal Antibody (B7H6/4821).

Specificity & Comments

B7-H6 (NCR3LG1) is a transmembrane endogenous ligand expressed on the surfaces of tumor cells. B7-H6 binds with NKp30 present on NK cells. Binding of B7-H6 to NKp30 causes the ligation of NKp30 subsequently inducing NK cell activation and target cell cytotoxicity. B7-H6 is not constitutively expressed on normal tissue. Whether it can be expressed endogenously under certain conditions is under investigation. B7-H6 has been detected on circulating pro-inflammatory CD14(+)-CD16(+) monocytes in some patients with sepsis.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Immunology

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.
