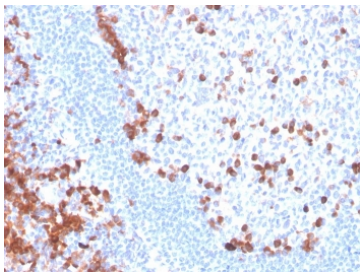
B7-H6 Antibody [clone B7H6/4821] (V8734)

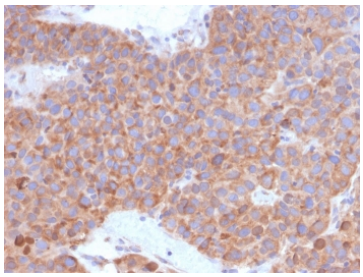
Catalog No.	Formulation	Size
V8734-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8734-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8734SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

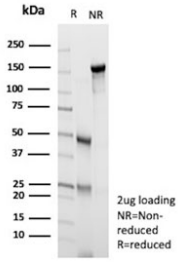
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	B7H6/4821
Purity	Protein G affinity chromatography
UniProt	Q68D85
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT
Limitations	This B7-H6 antibody is available for research use only.



IHC staining of FFPE human tonsil with B7-H6 antibody. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human liver carcinoma with B7-H6 antibody. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free B7-H6 antibody (clone B7H6/4821) as confirmation of integrity and purity.

Description

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 cytolysis. 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.

Application Notes

Optimal dilution of the B7-H6 antibody should be determined by the researcher.

Immunogen

A portion of amino acids 38-169 from the human protein was used as the immunogen for the B7-H6 antibody.

Storage

Store the B7-H6 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com