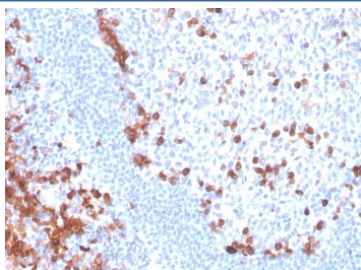


B7-H6 Antibody [clone B7H6/4821] (V8734)

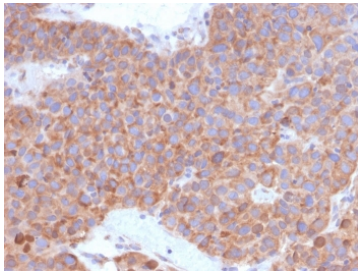
| Catalog No. | Formulation | Size |
|----------------|--|--------|
| V8734-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V8734-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V8734SAF-100UG | 1 mg/ml in 1X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

Bulk quote request

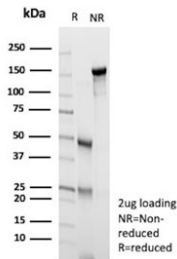
| | |
|---------------------------|---|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Purified |
| Clonality | Monoclonal (mouse origin) |
| Isotype | Mouse IgG1, kappa |
| Clone Name | B7H6/4821 |
| Purity | Protein G affinity chromatography |
| UniProt | Q68D85 |
| 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 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.

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 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).