

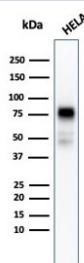
Recombinant CD44 Antibody / HCAM [clone rHCAM/918] (V8251)

| Catalog No. | Formulation | Size |
|----------------|--|--------|
| V8251-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V8251-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V8251SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

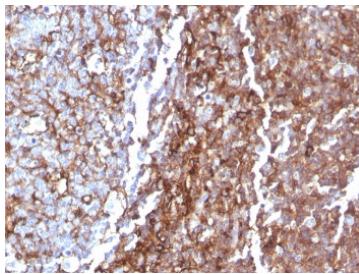
Recombinant **MOUSE MONOCLONAL**

Bulk quote request

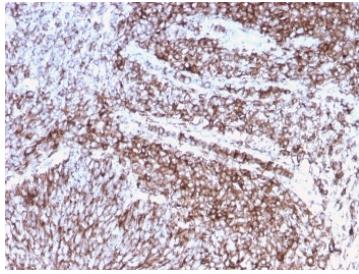
| | |
|---------------------------|---|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Purified |
| Host | Mouse |
| Clonality | Recombinant Mouse Monoclonal |
| Isotype | Mouse IgG1, kappa |
| Clone Name | rHCAM/918 |
| Purity | Protein G affinity chromatography |
| UniProt | P16070 |
| Applications | Western Blot : 1-2ug/ml Flow Cytometry : 1-2ug/10 ⁶ cells in 0.1ml Immunofluorescence : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml |
| Limitations | This recombinant CD44 antibody is available for research use only. |



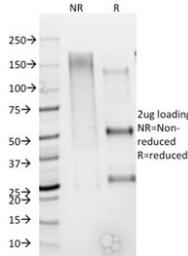
Western blot testing of human HeLa cell lysate with recombinant CD44 antibody (clone rHCAM/918). Predicted molecular weight ~81 kDa.



IHC staining of FFPE human tonsil tissue with recombinant CD44 antibody (clone rHCAM/918). 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 cervix tissue with recombinant CD44 antibody (clone rHCAM/918). 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 recombinant CD44 antibody (clone rHCAM/918) as confirmation of integrity and purity.

Description

Recognizes a cell surface glycoprotein of 80-95kDa (CD44) on lymphocytes, monocytes, and granulocytes (Leucocyte Typing Workshop V). Its epitope is resistant to digestion by trypsin and chymotrypsin. This MAb selectively interferes with lymphocyte binding to lymph node, mucosal and synovial endothelium. The CD44 family of glycoproteins exists in a number of variant isoforms, the most common being the standard 85-95kDa or hematopoietic variant (CD44s). Higher molecular weight isoforms are described in epithelial cells (CD44v), which are believed to function in intercellular adhesion and stromal binding. CD44 immunostaining is commonly used for the discrimination of urothelial transitional cell carcinoma in-situ from non-neoplastic changes in the urothelium.

Application Notes

Optimal dilution of the recombinant CD44 antibody should be determined by the researcher.

Immunogen

A recombinant full-length human CD44 protein was used as the immunogen for this recombinant CD44 antibody.

Storage

Store the recombinant CD44 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

