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## Product Datasheet

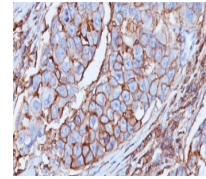
### CD44 Antibody / HCAM (orb749904)

**Description**

Recognizes a cell surface glycoprotein of 80-95kDa



**Species/Host** Mouse  
**Reactivity** Human, Mouse



IHC analysis of formalin-fixed, paraffin...

**Conjugation** Unconjugated  
**Tested Applications** IF, IHC-P, WB

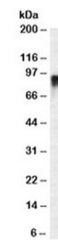
**Immunogen** Purified CD44 antigen (PGp-1) from lymphocyte membrane was used as the immunogen for the CD44 antibody.

**Preservatives** 0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin (US sourced) and 0.05% sodium azide

**Storage** Store the CD44 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

**Note** For research use only

**Application notes** Optimal dilution of the CD44 antibody should be determined by the researcher.1. Staining of formalin/paraffin tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.



Western blot testing of human U937 cells...

**Formula** 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide

**Isotype** Mouse IgG1, kappa

**Clonality** Monoclonal

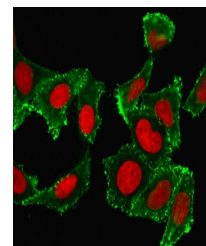
**Purity** Protein G affinity chromatography

**Uniprot ID** **P16070**

**Hazard Information** This CD44 antibody is available for research use only.

**Dilution Range** Western blot: 1-2ug/ml, Immunofluorescence: 1-2ug/ml, Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT

**Expiration Date** 12 months from date of receipt.



Immunofluorescence staining of human HeL...