

Anti-CD44 Antibody (7A260)

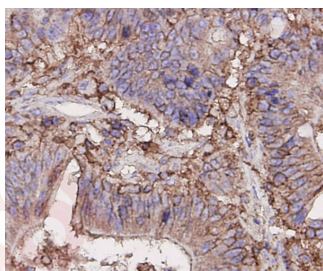
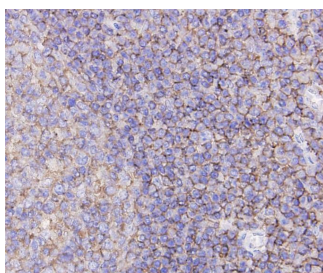
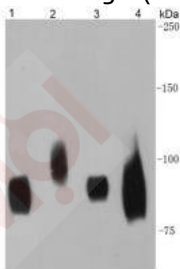
Product Details

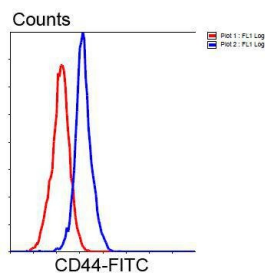
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 80 kDa.
Clone:	7A260
Purification:	Peptide affinity purified

Applications

Verified Activity:

1. Western blot analysis of CD44 on different cell lysates using anti- CD44 antibody at 1/500 dilution. Positive control: Line1: HUVEC, Line2: HL-60, Line3: Hela, Line4: SKOV3.
2. Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CD44 antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using anti-CD44 antibody. Counter stained with hematoxylin.
4. Flow cytometric analysis of Hela cells with CD44 antibody at 1/100 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Goat anti mouse IgG (FITC) was used as the secondary antibody.





Application: FCM,IHC,WB

Recommended WB: 1:500-1000; IHC: 1:200; FCM: 1:100-200

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Peptide

Uniprot ID: P16070

Synonyms: CD44 molecule (Indian blood group);LHR;MDU2;CSFG8;Pgp1;ECMR-III;HUTCH-I;MDU3;MIC4;CDW44;MC56;IN;HCELL

Research Background

CD44 is a cell-surface glycoprotein postulated to play a role in a variety of biological processes, including lymphocyte homing and tumor-cell metastasis. It mediates cell-cell and cell-matrix interactions through its affinity for hyaluronic acid (HA), and possibly also through its affinity for other ligands such as osteopontin, collagens, and matrix metalloproteinases (MMPs). Adhesion with HA plays an important role in cell migration, tumor growth and progression. CD44 is highly polymorphic, possesses a number of alternative splice variants and undergoes extensive post-translational modifications.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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