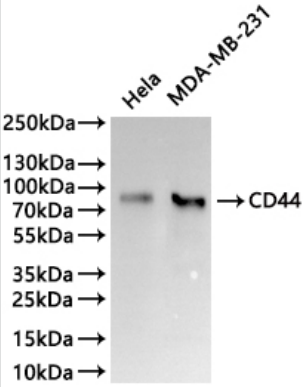
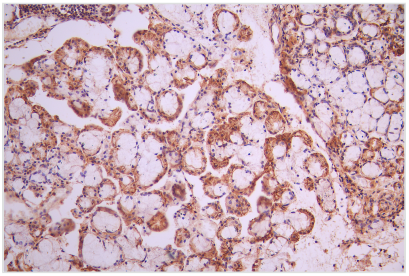
CD44 Recombinant Monoclonal Antibody

Product Code	CSB-RA004938MA2HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P16070
Immunogen	Recombinant Human CD44 protein
Species Reactivity	Human, Mouse
Tested Applications	ELISA, WB, IHC, FC; Recommended dilution: WB:1:500-1:5000, IHC:1:50-1:200, FC:1:20-1:200
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	Affinity-chromatography
Isotype	mIgG1
Clonality	Monoclonal
Product Type	Recombinant Antibody
Immunogen Species	Homo sapiens (Human)
Target Names	CD44
Clone No.	21B2

Image

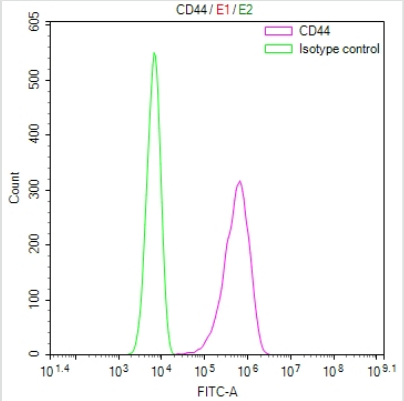


Western Blot
Positive WB detected in: Hela whole cell lysate(30μg), MDA-MB-231 whole cell lysate(30μg)
All lanes: CD44 antibody at 1:1000
Secondary
Goat polyclonal to Anti-Mouse IgG (H+L) at 1/40000 dilution
Predicted band size: 81.538kDa
Observed band size: 82 kDa
Exposure time: 120s



IHC image of CSB-RA004938MA2HU diluted at 1:50 and staining in paraffin-embedded human salivary gland tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-mouse polymer IgG labeled by HRP and

visualized using 0.05% DAB.



Overlay Peak curve showing 786-O cells stained with CSB-RA004938MA2HU (red line) at 1:100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10^6cells) for 45min at 4?. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1:200 dilution for 35min at 4?.Control antibody (green line) was mouse IgG (1ug/1*10^6cells) used under the same conditions. Acquisition of >10,000 events was performed.

Usage For Research Use Only. Not for use in diagnostic or therapeutic procedures.