

CD44 antibody [GT462]

Cat. No. GTX628895

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	WB, ICC/IF, IHC-P, FCM
Reactivity	Human

References (5)

★★★★★ Review (5)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	1:100-1:1000
FCM	1:50-1:200

Not tested in other applications.

Calculated MW 82 kDa. ([Note](#))

Product Note This antibody was raised against human CD44 Extracellular domain. IP/MS validation is based on published data (PMID: 30377425).

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.7 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the Extracellular domain of human CD44. The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated



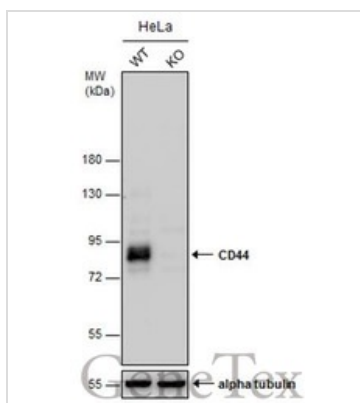
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Note

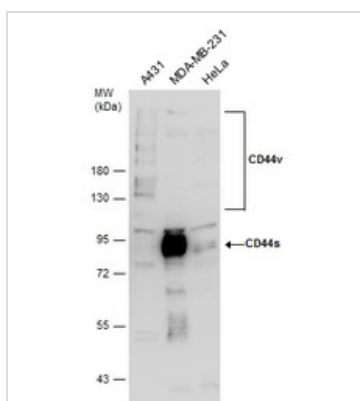
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DATA IMAGES



GTX628895 WB Image

Wild-type (WT) and CD44 knockout (KO) HeLa cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with CD44 antibody [GT462] (GTX628895) diluted at 1:500.

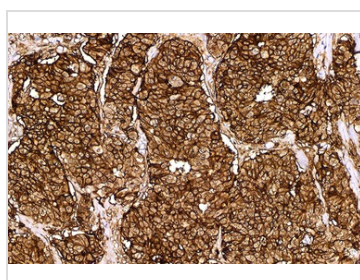


GTX628895 WB Image

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with CD44 antibody [GT462] (GTX628895) diluted at 1:1000.

Multiple bands were observed 130~180 kDa. It is possibly due to alternative splicing.

Reference: [PMID: 20962267](https://pubmed.ncbi.nlm.nih.gov/20962267/)



GTX628895 IHC-P Image

CD44 antibody [GT462] detects CD44 protein at cell membrane by immunohistochemical analysis (Autostainer Formulated).

Sample: Paraffin-embedded human breast cancer.

CD44 stained by CD44 antibody [GT462] (GTX628895) diluted at 1:200.

Antigen Retrieval: EDTA buffer, 20 min



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