

## CD44 antibody [GT462]

**Cat. No. GTX628895**

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

References ( 6 )

★★★★★ 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

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<b>Storage</b>	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.
<b>Concentration</b>	0.7 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the Extracellular domain of human CD44. The exact sequence is proprietary.
<b>Purification</b>	Affinity purified by Protein G.
<b>Conjugation</b>	Unconjugated

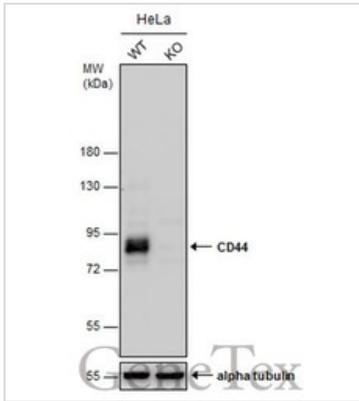
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#### Note

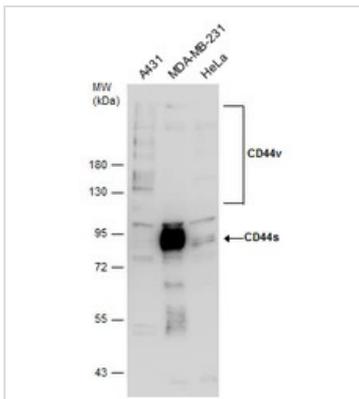
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#### DATA IMAGES



#### 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.

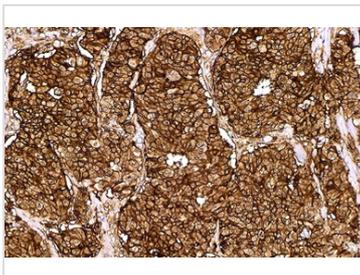


#### GTX628895 WB Image

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



For full product information, images and publications, please visit our [website](https://www.genetex.com).