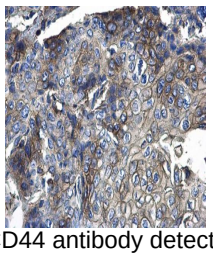
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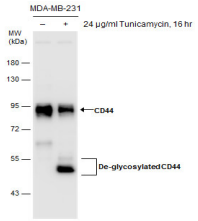
Product Datasheet

CD44 antibody
GRP25

Description	The protein encoded by this gene is a cell-surface glycoprotein involved in cell-cell interactions, cell adhesion and migration. It is a receptor for hyaluronic acid (HA) and can also interact with other ligands, such as osteopontin, collagens, and matrix metalloproteinases (MMPs). This protein participates in a wide variety of cellular functions including lymphocyte activation, recirculation and homing, hematopoiesis, and tumor metastasis. Transcripts for this gene undergo complex alternative splicing that results in many functionally distinct isoforms, however, the full length nature of some of these variants has not been determined. Alternative splicing is the basis for the structural and functional diversity of this protein, and may be related to tumor metastasis. [provided by RefSeq]
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat, Rabbit
Conjugation	Unconjugated
Tested Applications	ICC, IF, IHC-Fr, IHC-P, IP, WB
Immunogen	Recombinant protein encompassing a sequence within the cente region of human CD44. The exact sequence is proprietary.
Form/Appearance	Liquid: 1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Concentration	0.64 mg/ml
Storage	Store as concentrated solution. Centrifuge briefly prior to openin 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.
Note	For research use only.
Isotype	IgG
Clonality	Polyclonal
Purity	Purified by antigen-affinity chromatography.
Uniprot ID	**P16070**
Entrez	**960**
Dilution Range	WB: 1:1000-1:20000,ICC: 1:100-1:1000,IHC-P: 1:100-1:1000



CD44 antibody detects CD44
protein at membrane and cytoplasm on human endometrial
carcinoma by immunohistochemical analysis.
Sample:
Paraffin-embedded human endometrial carcinoma .
CD44 antibody (GRP477) diluted
at 1:500.



Untreated (â€“) and treated (+) MDA-MB-231 whole
cell extracts (30 ?g) were separated by 7.5% SDS-PAGE,
and the membrane was blotted
with CD44 antibody (GRP477)
diluted at 1:7000. The