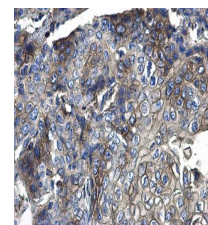


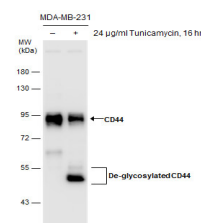
## Product Datasheet

### CD44 antibody GRP25

<b>Description</b>	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]
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	ICC, IF, IHC-Fr, IHC-P, IP, WB
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the centre region of human CD44. The exact sequence is proprietary.
<b>Form/Appearance</b>	Liquid: 1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
<b>Concentration</b>	0.64 mg/ml
<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>Note</b>	For research use only.
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Purified by antigen-affinity chromatography.
<b>Uniprot ID</b>	<b>P16070</b>
<b>Entrez</b>	<b>960</b>
<b>Dilution Range</b>	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 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with CD44 antibody (GRP477) diluted at 1:7000. The