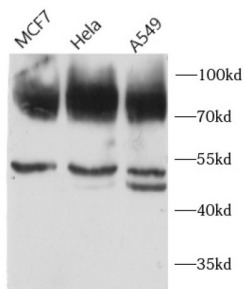


## CD44 Antigen (CD44) Antibody

Catalogue No.: abx011738



WB analysis of various lysates, using CD44 antibody (1/1000 dilution).

CD44 Antigen (CD44) Antibody is a Rabbit Polyclonal antibody for the detection of CD44.

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.

**Target:** CD44 Antigen (CD44)

**Clonality:** Polyclonal

**Reactivity:** Human

**Tested Applications:** ELISA, WB

**Host:** Rabbit

**Recommended dilutions:** WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** CD44 molecule (Indian blood group)

**Isotype:** IgG

**Form:** Liquid

**Purity:** ≥ 95% (SDS-PAGE)

**Purification:** Purified by immunogen affinity chromatography.

# Datasheet

Version: 3.0.0  
Revision date: 13 Aug 2025



<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>Validity:</b>	12 months.
<b>UniProt Primary AC:</b>	P16070 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	CD44
<b>GeneID:</b>	<a href="#">960</a>
<b>OMIM:</b>	<a href="#">107269</a>
<b>HGNC:</b>	1681
<b>Ensembl:</b>	ENSG00000026508
<b>Molecular Weight:</b>	Observed MW: 45-50 kDa, 73-81 kDa
<b>Buffer:</b>	PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.
<b>Concentration:</b>	2 mg/ml
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.