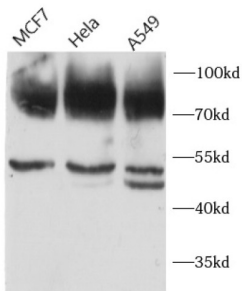


CD44 Antigen (CD44) Antibody

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: 2.0.0
Revision date: 23 Nov 2024



Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
Validity:	12 months.
UniProt Primary AC:	P16070 (UniProt , ExpASY)
Gene Symbol:	CD44
GeneID:	960
OMIM:	107269
HGNC:	1681
Ensembl:	ENSG00000026508
Molecular Weight:	Observed MW: 45-50 kDa, 73-81 kDa
Buffer:	PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.
Concentration:	2 mg/ml
Note:	This product is for research use only.

For Reference Only