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Datasheet for ABIN680580  
**anti-CD44v7 antibody (AA 201-300) (Biotin)**

### Overview

Quantity:	100 µL
Target:	CD44v7
Binding Specificity:	AA 201-300
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD44v7 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CD44v7
Isotype:	IgG
Specificity:	This antibody will detect isoform 7 exclusively.
Cross-Reactivity:	Human, Mouse
Purification:	Purified by Protein A.

### Target Details

Target:	CD44v7
Abstract:	<a href="#">CD44v7 Products</a>
Background:	Synonyms: IN, LHR, MC56, MDU2, MDU3, MIC4, Pgp1, CDW44, CSPG8, HCELL, HUTCH-I, ECMR-

## Target Details

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III, CD44 antigen, Epican, Extracellular matrix receptor III, GP90 lymphocyte homing/adhesion receptor, Heparan sulfate proteoglycan, Hermes antigen, Hyaluronate receptor, Phagocytic glycoprotein 1, PGP-1, Phagocytic glycoprotein I, PGP-I, CD44

Background: Receptor for hyaluronic acid (HA). Mediates cell-cell and cell-matrix interactions through its affinity for HA, and possibly also through its affinity for other ligands such as osteopontin, collagens, and matrix metalloproteinases (MMPs). Adhesion with HA plays an important role in cell migration, tumor growth and progression. In cancer cells, may play an important role in invadopodia formation. Also involved in lymphocyte activation, recirculation and homing, and in hematopoiesis. Altered expression or dysfunction causes numerous pathogenic phenotypes. Great protein heterogeneity due to numerous alternative splicing and post-translational modification events.

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Gene ID: 960

UniProt: [P16070](#)

## Application Details

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Application Notes: WB 1:300-5000  
IHC-P 1:200-400

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months