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Datasheet for ABIN396970 anti-CD44 antibody

6 Images



#### Overview

Quantity:	0.05 mg
Target:	CD44
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD44 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP), Blocking Antibody (Inhibition)

## Product Details

Brand:	IHC-plus™
Immunogen:	Leukocytes of a patient suffering from LGL Type Leukaemia.
Clone:	MEM-85
lsotype:	lgG2b
Specificity:	Reacts with both cell surface-expressed and soluble form of CD44 antigen (Phagocyte glycoprotein 1), a 80-95 kD transmembrane glycoprotein (hyaladherin family) present on the most of cells and tissues (leukocytes, endothelial cells, mesenchymal cells, etc.), it is negative on platelets and hepatocytes.
Purification:	Protein A purified

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Target Details	
Target:	CD44
Alternative Name:	CD44 (CD44 Products)
Background:	Name/Gene ID: CD44
	Synonyms: CD44, CDW44, CD44 antigen, Cell surface glycoprotein CD44, CSPG8, ECMR-III, Epican, HUTCH-I, LHR, MDU2, MC56, MIC4, Hermes antigen, Hyaluronate receptor, Phagocytic
	glycoprotein 1, PGP-1, PGP-I, Pgp1, Phagocytic glycoprotein I, MDU3, CD44R, HCELL, Heparan sulfate proteoglycan
Gene ID:	960
UniProt:	P16070
Pathways:	Glycosaminoglycan Metabolic Process, Autophagy, Negative Regulation of intrinsic apoptotic Signaling
Application Details	
Application Notes:	Approved: ELISA, Flo, IHC, IHC-P (5 µg/mL), Inhb, IP, WB (2 µg/mL)
	Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody,
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, 15 mM sodium azide, approx, pH 7.4.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	avoid freeze thaw cycles.

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## Handling

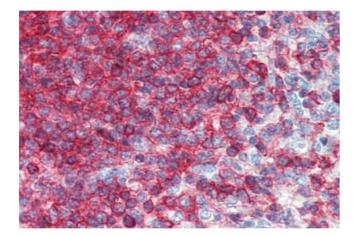
Storage:

4 °C,-20 °C

Storage Comment:

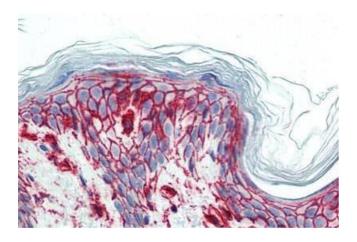
Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles.

#### Images



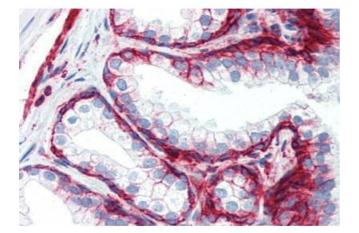
# Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Human Spleen (formalin-fixed, paraffinembedded) stained with CD44 antibody ABIN396970 at 5 ug/ml followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



#### Immunohistochemistry

**Image 2.** Anti-CD44 antibody IHC staining of human skin. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval. Antibody ABIN396970 concentration 5 ug/ml.



#### Immunohistochemistry

**Image 3.** Anti-CD44 antibody IHC staining of human prostate. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval. Antibody ABIN396970 concentration 5 ug/ml.

Please check the product details page for more images. Overall 6 images are available for ABIN396970.

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