antibodies .- online.com







anti-CD44 antibody





Overview

Quantity:	200 μL
Target:	CD44
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD44 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

lmmunogen:	Recombinant fusion protein of human CD44 (NP_000601.3).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	CD44
Alternative Name:	CD44 (CD44 Products)
Background:	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,

Target Details

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.

Gene ID: 960

UniProt: P16070

Pathways: Glycosaminoglycan Metabolic Process, Autophagy, Negative Regulation of intrinsic apoptotic

Signaling

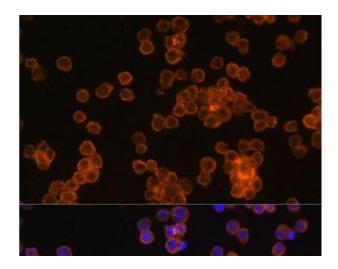
Application Details

Application Notes: IHC 1:50-1:200 IF 1:50-1:200

Restrictions: For Research Use only

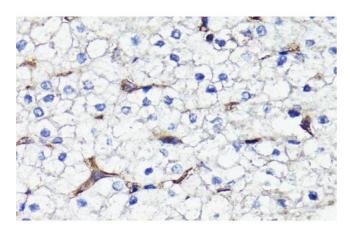
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



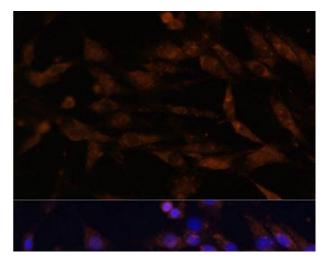
Immunofluorescence

Image 1. Immunofluorescence analysis of Raw264.7 cells using CD44 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human liver using CD44 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunofluorescence

Image 3. Immunofluorescence analysis of C6 cells using CD44 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Please check the product details page for more images. Overall 6 images are available for ABIN7259400.