

CD44 antibody

Catalog Number: 109124

Product name

CD44 antibody

Specificity

Human, Mouse; other species not tested.

Antibody description

CD44 Rabbit Polyclonal antibody. Positive IP detected in HeLa cells. Positive WB detected in HeLa cells, MCF7 cells, mouse thymus tissue, Raji cells. Positive FC detected in HeLa cells. Positive IHC detected in human lung cancer tissue, human colon cancer tissue, human skin tissue. Positive IF detected in HepG2 cells, MCF-7 cells. Observed molecular weight by Western-blot: 80-95 kDa

Preparation

This antibody was obtained by immunization of CD44 recombinant protein (Accession Number: NM_001001389). Purification method: Antigen affinity purified.

Formulation

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Storage

Store at -20°C. DO NOT ALIQUOT

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, IP, FC, IHC, WB, IF

Dilutions

Recommended Dilution:

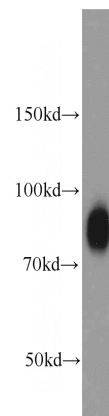
WB: 1:500-1:5000

IP: 1:200-1:2000

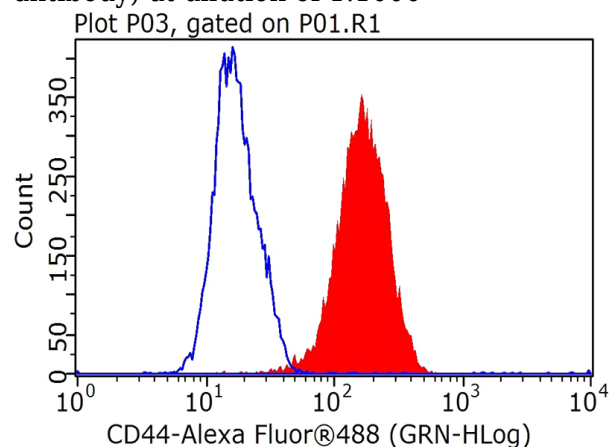
IHC: 1:50-1:500

IF: 1:50-1:500

Validations



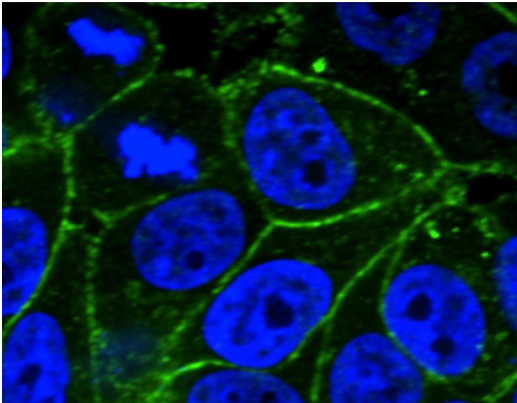
HeLa cells were subjected to SDS PAGE followed by western blot with Catalog No:109124(CD44 antibody) at dilution of 1:1000



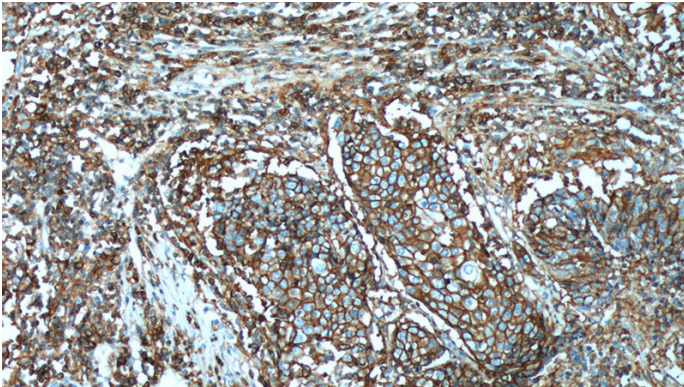
1X10⁶ HeLa cells were stained with 0.2ug CD44 antibody (Catalog No:109124, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488 -Goat anti-Rabbit IgG with dilution 1:100.

CD44 antibody

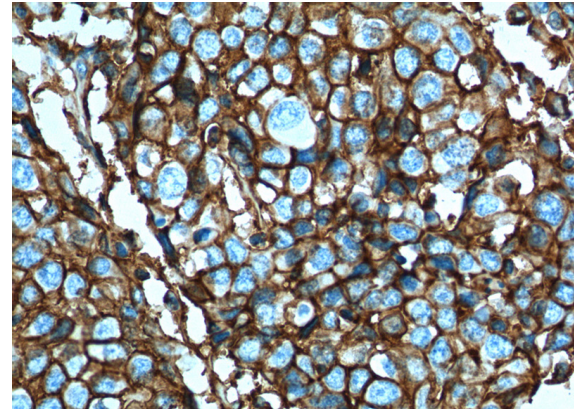
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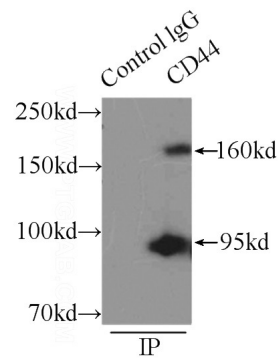
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using Catalog No:109124(CD44 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry of paraffin-embedded human lung cancer tissue slide using Catalog No:109124(CD44 Antibody) at dilution of 1:200 (under 10x lens). heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



Immunohistochemistry of paraffin-embedded human lung cancer tissue slide using Catalog No:109124(CD44 Antibody) at dilution of 1:200 (under 40x lens). heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



IP Result of anti-CD44 (IP:Catalog No:109124, 5ug; Detection:Catalog No:109124 1:800) with HeLa cells lysate 2500ug.