

anti- CD44 antibody

Product Information

Catalog No.:	FNab01483
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	7D6
IsoType:	IgG2a
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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. Receptor for LGALS9; the interaction enhances binding of SMAD3 to the FOXP3 promoter, leading to up-regulation of FOXP3 expression and increased induced regulatory T(iTreg) cell stability and suppressive function(By similarity).

Immunogen information

Immunogen:	CD44 molecule(Indian blood group)
Synonyms:	LHR, MDU2, MDU3, MIC4
Observed MW:	80-95 kDa
Uniprot ID :	P16070

Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

Fax: (0086)027-87800889

www.fn-test.com

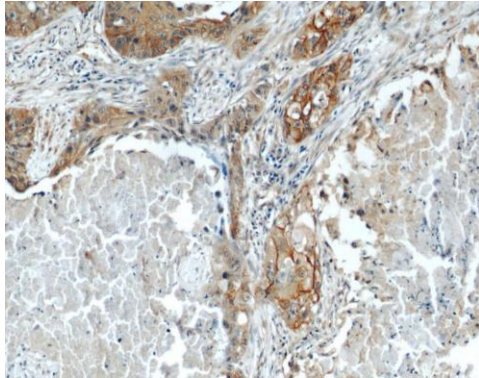
Application

Reactivity: Human

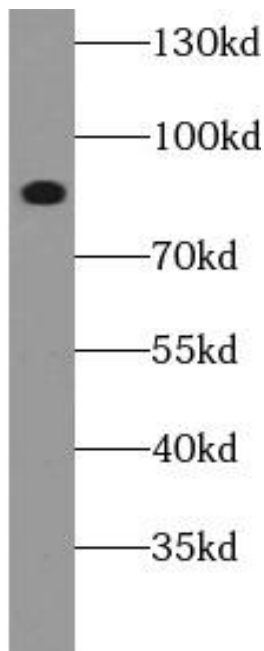
Tested Application: ELISA, WB, IHC, IF, FC

Recommended dilution: WB: 1: 500-1: 5000; IHC: 1: 50-1: 200; IF: 1: 10-1: 100

Image:



Immunohistochemistry of paraffin-embedded human lung cancer slide using FNab01483(CD44 Antibody) at dilution of 1:50



HeLa cells were subjected to SDS PAGE followed by western blot with FNab01483(CD44 antibody) at dilution of 1:1000

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