

ARG44661 anti-FGFBP1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes FGFBP1
Tested Reactivity	Hu
Tested Application	IHC-P, IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Target Name	FGFBP1
Species	Human
Conjugation	Un-conjugated
Alternate Names	FGFBP1; Fibroblast Growth Factor Binding Protein 1; HBP17; FGFBP; 17 KDa Heparin-Binding Growth Factor-Binding Protein; Fibroblast Growth Factor-Binding Protein 1; 17 KDa HBGF-Binding Protein; FGF-Binding Protein 1; FGF-BP1; FGFBP-1; FGF-BP; Heparin-Binding Growth Factor Binding Protein; HBp17

Application Instructions

Application table	Application	Dilution
	IHC-P	7.5 µg/mL
	IP	10 µg/mL
	WB	1 µg/mL
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

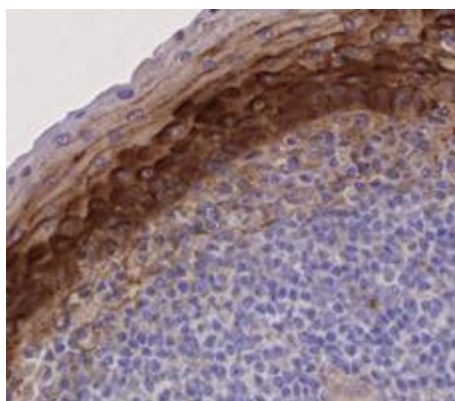
Properties

Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

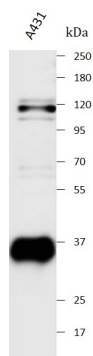
Gene Symbol	FGFBP1
Gene Full Name	Fibroblast Growth Factor Binding Protein 1
Background	This gene encodes a secreted fibroblast growth factor carrier protein. The encoded protein plays a critical role in cell proliferation, differentiation and migration by binding to fibroblast growth factors and potentiating their biological effects on target cells. The encoded protein may also play a role in tumor growth as an angiogenic switch molecule, and expression of this gene has been associated with several types of cancer including pancreatic and colorectal adenocarcinoma. A pseudogene of this gene is also located on the short arm of chromosome 4. [provided by RefSeq, Nov 2011]
Function	Acts as a carrier protein that release fibroblast-binding factors (FGFs) from the extracellular matrix (EM) storage and thus enhance the mitogenic activity of FGFs. Enhances FGF2 signaling during tissue repair, angiogenesis and in tumor growth. [UniProt]
Calculated Mw	26 kDa
PTM	Disulfide bond, Glycoprotein. [UniProt]
Cellular Localization	Cell membrane, Membrane, Secreted. [UniProt]

Images



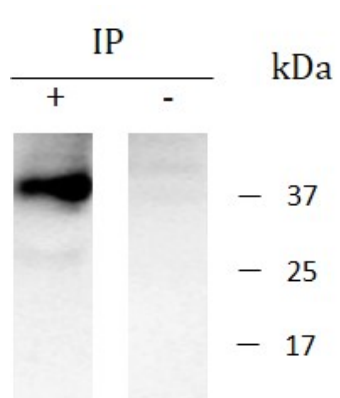
ARG44661 anti-FGFBP1 antibody IHC-P image

Immunohistochemistry: Human Tonsil stained with ARG44661 anti-FGFBP1 antibody at 7.5 µg/mL dilution.



ARG44661 anti-FGFBP1 antibody WB image

Western blot: A431 stained with ARG44661 anti-FGFBP1 antibody at 1 µg/mL dilution.



ARG44661 anti-FGFBP1 antibody IP image

Immunoprecipitation: A431 lysate immunoprecipitated with 2.5 µg of ARG44661 anti-FGFBP1 antibody.