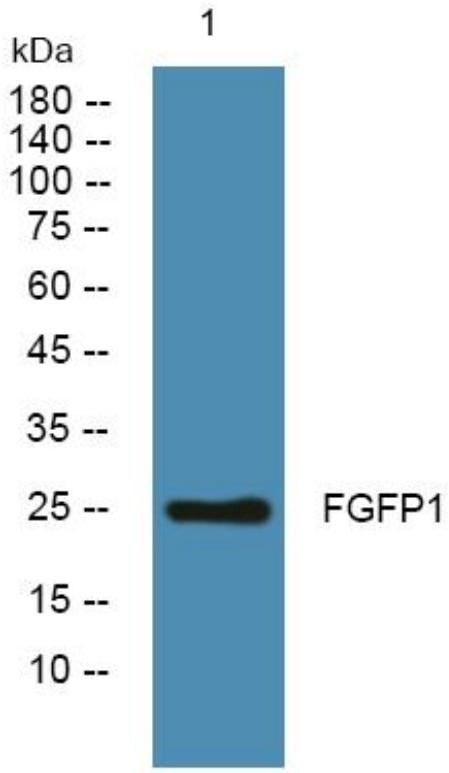
FGFP1 Monoclonal Antibody

Catalog No	BYmab-06610
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	FGFBP1 FGFBP HBP17
Protein Name	Fibroblast growth factor-binding protein 1 (FGF-BP) (FGF-BP1) (FGF-binding protein 1) (FGFBP-1) (17 kDa heparin-binding growth factor-binding protein) (17 kDa HBGF-binding protein) (HBp17)
Immunogen	Synthesized peptide derived from human protein . at AA range: 110-190
Specificity	FGFP1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	25kD
Cell Pathway	Secreted, extracellular space . Cell membrane ; Peripheral membrane protein . Extracellular and plasma membrane-associated. Colocalizes with HSPG2 in the pericellular environment of squamous cell carcinomas. .
Tissue Specificity	Expressed in the suprabasal region of the epidermis, in hair follicles, the basement membrane at the dermo-epidermal junction (occasionally extending into the basement membrane of dermal blood vessels), wounded skin and several invasive squamous cell carcinomas (at protein level). Expressed in normal and wounded skin and various squamous cell carcinomas.
Function	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.,induction:Up-regulated in epithelial cells after skin injury. Keratinocyte mitogens.,miscellaneous:Expression is significantly up-regulated in carcinogen-induced skin tumors, various squamous cell carcinomas, some colon

	cancer cell lines and tumors.,similarity:Belongs to the fibroblast growth factor-binding protein family.,subcellular location:Extracellular and plasma membrane-associated. Colocalizes with HSPG2 in the pericellular environment of squamous cell carcinomas.,subunit:Found in a complex with FGFBP1, FGF1 and FGF2. Interacts with FGF1, FGF2, FGF7, FGF10, FGF22 and HSPG2.,tissue specificity:Expressed in the suprabasal region of t
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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using FGFP1 Monoclonal Antibody