SZABO SCANDIC

Part of Europa Biosite

Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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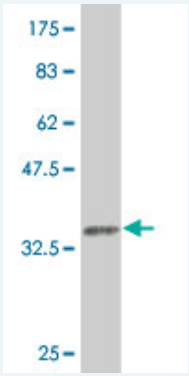
FGF10 monoclonal antibody (M05), clone 3C7

Catalog # : H00002255-M05 **規格 :** [100 ug]

List All

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant FGF10.
Immunogen:	FGF10 (NP_004456, 38 a.a. ~ 137 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	QALGQDMVSPEATNSSSSSFSSPSSAGRHVRSYNHLQGDVRWRKLFSF TKYFLKIEKNGKVSGTKKENCPYSILEITSVEIGVVAVKAINSNYYLAMNKK
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.74 KDa) .

Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	Download
Datasheet:	Download

Applications

Western Blot (Recombinant protein)

Protocol Download

ELISA

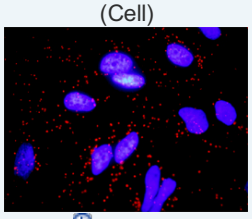
***In situ* Proximity Ligation Assay (Cell)**

Application Image

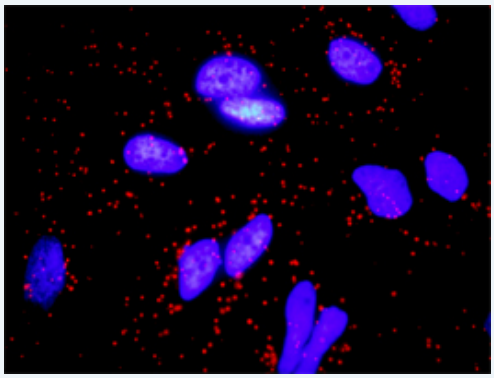
Western Blot (Recombinant protein)

ELISA

In situ Proximity Ligation Assay (Cell)



enlarge

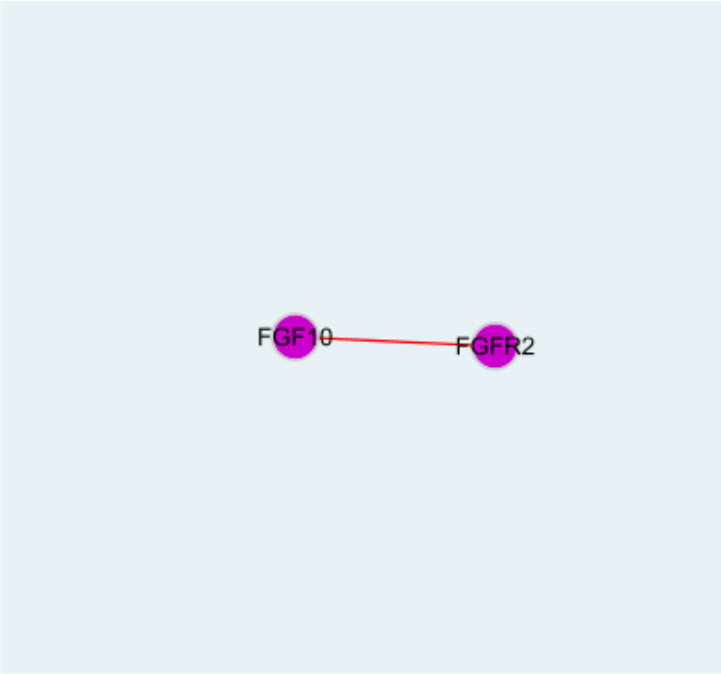


Proximity Ligation Analysis of protein-protein interactions between FGFR2 and FGF10. HeLa cells were stained with anti-FGFR2 rabbit purified polyclonal 1:1200 and anti-FGF10 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Gene Information

Entrez GeneID:	2255
GeneBank Accession#:	NM_004465
Protein Accession#:	NP_004456
Gene Name:	FGF10
Gene Alias:	-
Gene Description:	fibroblast growth factor 10
Omim ID:	149730, 180920, 602115
Gene Ontology:	Hyperlink
Gene Summary:	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein exhibits mitogenic activity for keratinizing epidermal cells, but essentially no activity for fibroblasts, which is similar to the biological activity of FGF7. Studies of the mouse homolog of suggested that this gene is required for embryonic epidermal morphogenesis including brain development, lung morphogenesis, and initiation of lim bud formation. This gene is also implicated to be a primary factor in the process of wound healing. [provided by RefSeq
Other Designations:	keratinocyte growth factor 2,produced by fibroblasts of urinary bladder lamina propria

Interactome



Gene Pathway

MAPK signaling pathway Melanoma Pathways in cancer Regulation of actin cytoskeleton

Related Disease

Abnormalities, Multiple Attention Deficit Disorder with Hyperactivity Cleft Lip Cleft Palate Genetic Predisposition to Disease Hyperparathyroidism, Secondary Hypospadias Tourette Syndrome