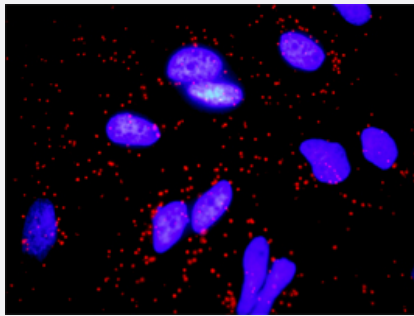


FGF10 monoclonal antibody (M05), clone 3C7

Catalog # H00002255-M05

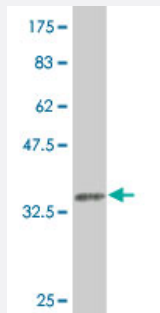
Size 100 ug

Applications



In situ Proximity Ligation Assay (Cell)

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).



Western Blot detection against Immunogen (36.74 kDa) .

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	QALGQDMVSPEATNSSSSSFSSPSSAGRHVRSYNHLQGDVVRWKLFSFTKYFLKIEKNGKVSGET KKENCPYSILEITSVEIGVVAVKAINSNYLAMNKK
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.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- In situ* Proximity Ligation Assay (Cell)

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 Info — FGF10

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 limb 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

Pathway

- [MAPK signaling pathway](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Abnormalities](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Hypospadias](#)
- [Tourette Syndrome](#)