

AB-NN246-1

FGFA/FHFA (pan) Antibody

Pan-specific monoclonal antibody (S235-22) for monitoring the expression of human FGFA/FHFA (pan)



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

Name Long:	ibroblast growth factor 13
Alias:	Acidic fibroblast growth factor, AFGF, Beta endothelial cell growth factor, Fibroblast growth factor homologous factor 2A, Fibroblast growth factor 13A, FGF13A, Beta-endothelial cell growth factor, ECGF, ECGFA, ECGFB, Endothelial Cell Growth Factor alpha, Endothelial Cell Growth Factor beta, FGF 1, FGF alpha, FGFA, GLIO703, HBGF1, Heparin binding growth factor 1
UniProt ID:	Q92913 - Human
Human Predicted Mass (KDa):	28.752 (255 AA; Q92913-3); 27.564 (245 AA; Q92913-1); 25.607 (226 AA; Q92913-5); 22.275 (199 AA; Q92913-4); 21.581 (192 AA; Q92913-2)
Observed SDS-PAGE Mass (KDa):	30

Immunogen

Antibody Immunogen Source:	Synthetic peptide amino acids 2-18 (AAAIASSLIRQKRQARE) of human FHF2A. 100% identical to rat, 94% identical to mouse. >80% identity with FGF12A/FHF1A, FGF14A/FHF4A and FGF11A/FHF3A.
-----------------------------------	---

Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	IgG2b
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4, 50% glycerol, 0.1% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB IHC ICC/IF
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat
Antibody Positive Control:	1 µg/ml of SMC-448 was sufficient for detection of FGFA/FHFA (pan) in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	In mouse brain lysates, this antibody detects a ~30 kDa protein.
Antibody Specificity:	Very High
Antibody Cross Reactivities:	cross-reacts with FGF12A/FHF1A and FGF14A/FHF4A. Does not cross-react with FGF13B/FHF2B.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987