

AB-NN248-1

FIH Antibody

Pan-specific monoclonal antibody (FIH 162c) for monitoring the expression of human FIH



KINEXUS

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Target Protein

Name Long:	Hypoxia-inducible factor 1-alpha inhibitor (FIH)
Alias:	Factor inhibiting HIF1 (hypoxia-inducible factor), DKFZp762F1811, Factor inhibiting HIF-1, Factor inhibiting HIF1, FIH 1, FIH-1, FIH1, FLJ20615, FLJ22027, HIF1AN, HIF1N_HUMAN, Hypoxia inducible factor 1 alpha inhibitor, Hypoxia inducible factor 1 alpha subunit inhibitor, Hypoxia inducible factor asparagine hydroxylase, Hypoxia-inducible factor 1-alpha inhibitor, Hypoxia-inducible factor asparagine hydroxylase, Peptide aspartate beta dioxygenase
UniProt ID:	Q9NWT6 - Human
Human Predicted Mass (KDa):	40.285 (349 AA; Q9NWT6-1)
Observed SDS-PAGE Mass (KDa):	45

Immunogen

Antibody Immunogen Source:	Full length human FIH expressed in E.coli BL21 (DE3) cells
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	11 IgG1
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, 0.09% 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 (1:100), IHC (1:100), ICC/IF (1:100); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse
Antibody Positive Control:	1 µg/ml of SMC-182 was sufficient for detection of FIH in 20 µg of Hela lysate by colorimetric immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~45 kDa protein.
Antibody Specificity:	Medium-Low

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

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