

DATASHEET

FGFR3 Rabbit Monoclonal Antibody(ARA915)

CAT. NO. ARA6750

KEY FEATURES

Target	FGFR3	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Monoclonal
Applications	IHC	Storage	-20°C

BACKGROUND

Acidic and basic fibroblast growth factors (FGFs) are members of a family of multifunctional polypeptide growth factors that stimulate proliferation of cells of mesenchymal, epithelial and neuroectodermal origin. Like other growth factors, FGFs act by binding and activating specific cell surface receptors. These include the Flg receptor or FGFR-1, the Bek receptor or FGFR-2, FGFR-3, FGFR-4, FGFR-5 and FGFR-6. These receptors usually contain an extracellular ligand-binding region containing three immunoglobulin-like domains, a transmembrane domain and a cytoplasmic tyrosine kinase domain. The gene encoding human FGFR-3 maps to chromosome 4p16 and is alternatively spliced to produce three isoforms that are expressed in brain, kidney and testis. Defects in FGFR-3 are associated with several diseases, including Crouzon syndrome, achondroplasia, thanatophoric dysplasia, craniosynostosis adelaide type and hypochondroplasia. Mutations in FGFR-3 are also a cause of some bladder and cervical cancers.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:500-1:2000
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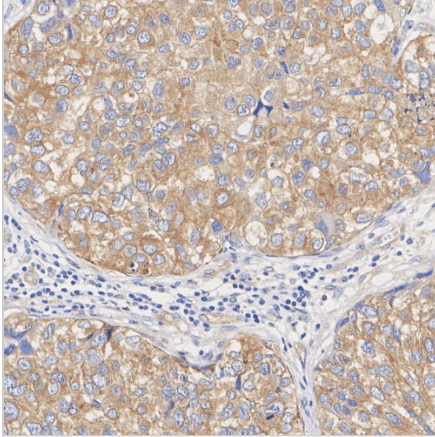
*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

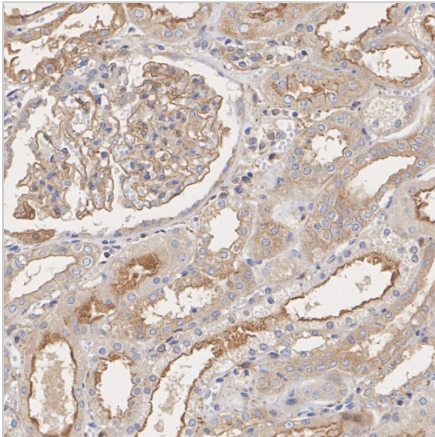
Antibody Type	Recombinant Rabbit monoclonal Antibody
Immunogen	Synthetic peptide within Human FGFR3 aa 30-63 / 806
Molecular Weight	Predicted band size: 88 kDa
Positive Control	Hela cell lysate, 293 cell lysate, MCF-7 cell lysate, HepG2 cell lysate, Rat skin tissue lysates, Mouse hippocampus lysates, MCF-7, HepG2, SH-SY5Y, human kidney tissue, mouse testis tissue, mouse kidney tissue, mouse brain tissue
Conjugation	unconjugated
Form/Buffer	1*TBS (pH7.4), 0.05% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide
Isotype	IgG
Purification	Protein A affinity purified

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**FGFR3 Rabbit Monoclonal Antibody(ARA915)****CAT. NO. ARA6750****DATA**

Immunohistochemical staining of human bladder cancer tissue using FGFR3 Rabbit Monoclonal Antibody(ARA915)



Immunohistochemical staining of human kidney tissue using FGFR3 Rabbit Monoclonal Antibody(ARA915)

STORAGE

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com