

Datasheet for ABIN5542298
anti-FGFR3 antibody (AA 529-694)[Go to Product page](#)

6 Images

Overview

Quantity:	0.1 mg
Target:	FGFR3
Binding Specificity:	AA 529-694
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FGFR3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human FGFR3 (AA: 529-694) expressed in E. coli.
Clone:	2H10B4
Isotype:	IgG1
Purification:	purified

Target Details

Target:	FGFR3
Alternative Name:	FGFR3 (FGFR3 Products)
Background:	Description: This gene encodes a member of the fibroblast growth factor receptor (FGFR)

Target Details

family, with its amino acid sequence being highly conserved between members and among divergent species. FGFR family members differ from one another in their ligand affinities and tissue distribution. A full-length representative protein would consist of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment and a cytoplasmic tyrosine kinase domain. The extracellular portion of the protein interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. This particular family member binds acidic and basic fibroblast growth hormone and plays a role in bone development and maintenance. Mutations in this gene lead to craniosynostosis and multiple types of skeletal dysplasia. Three alternatively spliced transcript variants that encode different protein isoforms have been described. [provided by RefSeq, Jul 2009],

Aliases: ACH, CEK2, JTK4, CD333, HSFGR3EX

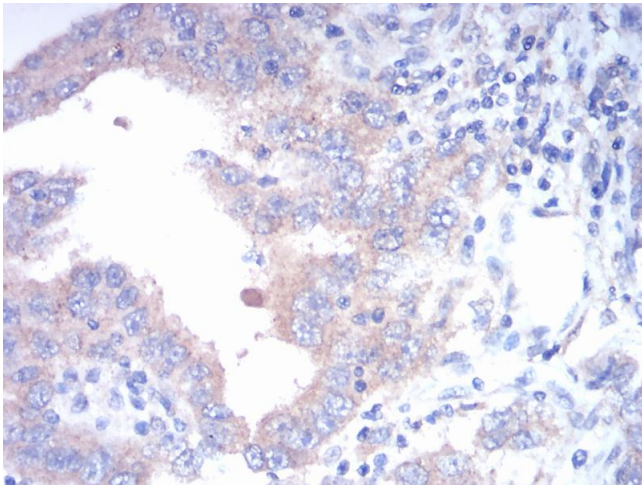
Molecular Weight:	87.7 kDa
Gene ID:	2261
HGNC:	2261
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Stem Cell Maintenance , Growth Factor Binding

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: , FCM: 1:200 - 1:400
Restrictions:	For Research Use only

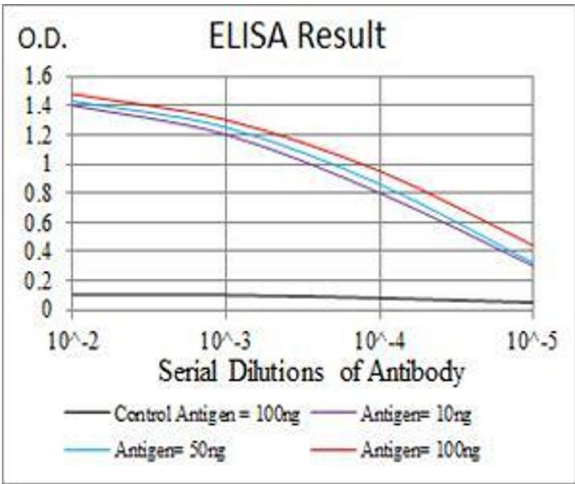
Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage



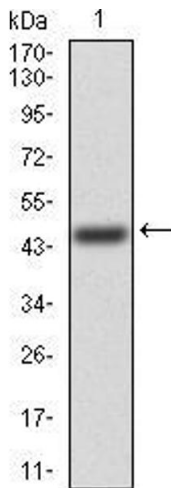
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded endometrial cancer tissues using FGFR3 mouse mAb with DAB staining.



ELISA

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



Western Blotting

Image 3. Western blot analysis using FGFR3 mAb against human FGFR3 (AA: 529-694) recombinant protein. (Expected MW is 44.1 kDa)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN5542298.