

Datasheet for ABIN356413

anti-FGFR4 antibody

3 Images

[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	FGFR4
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FGFR4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Purified recombinant FGFR4 fusion protein.
Clone:	53CT32-19-3
Isotype:	IgG1
Specificity:	This antibody is specific to FGF Receptor 4 (FGFR4).
Characteristics:	Synonyms: FGFR-4, JTK2, TKF, Fibroblast growth factor receptor 4
Purification:	Protein G Chromatography eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	FGFR4
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Target Details

Alternative Name:	CD334 / FGFR4 (FGFR4 Products)
Background:	<p>FGFR4 is a member of the fibroblast growth factor receptor family, where amino acid sequence is highly conserved between members and throughout evolution. 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 preferentially binds acidic fibroblast growth factor and, although its specific function is unknown, it is overexpressed in gynecological tumor samples, suggesting a role in breast and ovarian tumorigenesis. Synonyms: FGFR-4, Fibroblast growth factor receptor 4, JTK2, TKF</p>
Gene ID:	2264
UniProt:	P22455
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Carbohydrate Homeostasis , Growth Factor Binding

Application Details

Application Notes:	<p>ELISA: 1/1000. Western blotting: 1/2000. Immunohistochemistry on Paraffin Sections: 10 µg/mL.</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

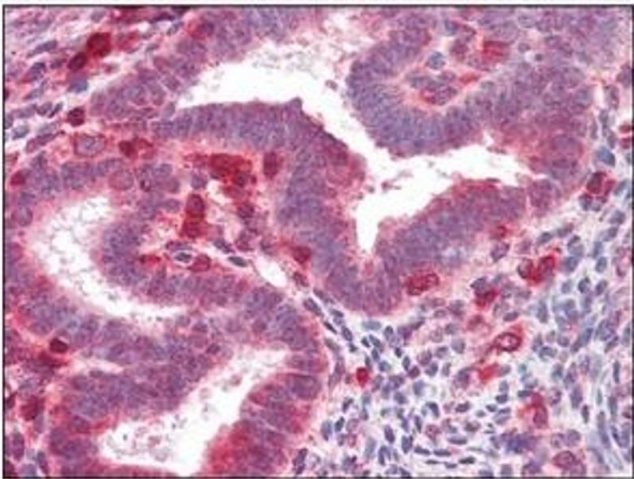
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

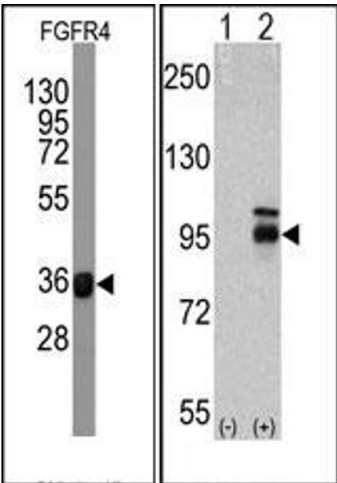
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Expiry Date:	12 months

Images



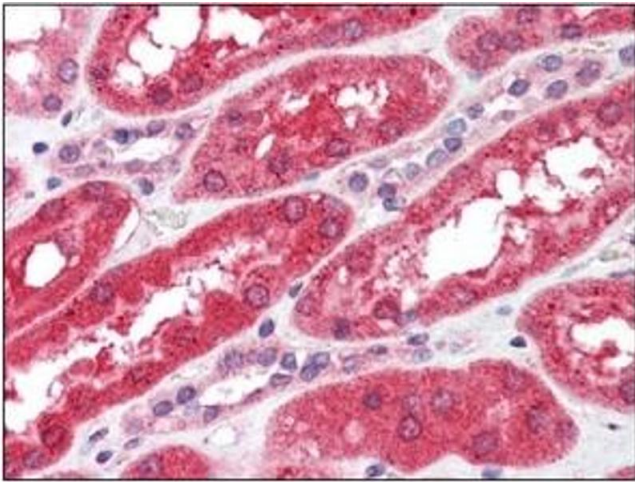
Immunohistochemistry

Image 1.



Western Blotting

Image 2.



Immunohistochemistry

Image 3.