

## Anti-FGFR2 Antibody (1A889)

### Product Details

Ig Type:	hIgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	1A889
Purification:	Affinity-chromatography

### Applications

Verified Activity:	<p>1. Western Blot</p> <ul style="list-style-type: none"><li>-Positive WB detected in:hela whole cell lysate (20µg), HT29 whole cell lysate (20µg)</li><li>-All lanes: FGFR2 antibody at 1:1000</li><li>-Secondary: Goat polyclonal to human IgG at 1/40000 dilution</li><li>-Predicted band size:92.03, 86.13, 76.70, 28.29, 40.61, 79 kDa</li><li>-Observed band size:41 kDa</li><li>-Exposure time:120s</li></ul> <p>2. IHC image of TMAH-00432 diluted at 1:100 and staining in paraffin-embedded lung cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-human polymer IgG labeled by HRP and visualized using 0.05% DAB.</p> <p>3. IHC image of TMAH-00432 diluted at 1:100 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-human polymer IgG labeled by HRP and visualized using 0.05% DAB."</p>
Application:	ELISA, WB, IHC
Recommended	WB:1:500-1:2000; IHC:1:50-1:200.

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	Recombinant Human FGFR2 protein
Antigen Species:	Human
Gene ID:	2263
Uniprot ID:	P21802
Synonyms:	BBDS;FGF R2a;JWS;BFR-1;ECT1;CD332;FGFR2 alpha;CEK3;TK14;FLJ98662;K-SAM;FGFR2 $\alpha$ (IIIb); TK25;BEK;CFD1;KGFR;FGFR2 $\alpha$
Biology Area:	Neuroscience, Cancer, Cardiovascular, Developmental biology, Signal transduction, Stem cells

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### Research Background

Tyrosine-protein kinase that acts as cell-surface receptor for fibroblast growth factors and plays an essential role in the regulation of cell proliferation, differentiation, migration and apoptosis, and in the regulation of embryonic development. Required for normal embryonic patterning, trophoblast function, limb bud development, lung morphogenesis, osteogenesis and skin development. Plays an essential role in the regulation of osteoblast differentiation, proliferation and apoptosis, and is required for normal skeleton development. Promotes cell proliferation in keratinocytes an...

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