

## Anti-Phospho-FGFR3 (Tyr642) Antibody (5J196)

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Clone:	5J196
Purification:	Affinity-chromatography

### Applications

Verified Activity:	Western blot analysis of Phospho-FGFR3 (Y724) expression in (1) MCF7 treated with pervanadate cell lysate; (2) untreated.
Application:	FCM,ICC/IF,IP,WB
Recommended	FCM: 1:20-1:100; ICC/IF: 1:50-1:200; IP: 1:20-1:50; WB: 1:1000-1:2000

### 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:	A synthesized peptide: human FGFR3 around the phosphorylation site of Y642 ACH;JTK4;Tyrosine kinase JTK 4;Fibroblast growth factor receptor 3;HSFGFR3EX;p-FGFR3 (Y642);
Synonyms:	CD333;FGFR3;CEK2;p-FGFR3 (Tyr642);FGFR3 (p-Y642);FGFR3 (p-Tyr642);Hydroxyaryl protein kinase

### Research Background

Tyrosine-protein kinase that acts as a cell-surface receptor for fibroblast growth factors and plays an essential role in the regulation of cell proliferation, differentiation and apoptosis. Plays an essential role in the regulation of chondrocyte differentiation, proliferation and apoptosis, and is required for normal skeleton development. Regulates both osteogenesis and postnatal bone mineralization by osteoblasts.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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