# antibodies -online.com







# anti-FGFR2 antibody (AA 794-821)





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Quantity:	0.4 mL
Target:	FGFR2
Binding Specificity:	AA 794-821
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGFR2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunofluorescence (IF)

# **Product Details**

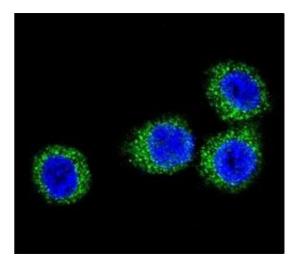
Immunogen:	A portion of amino acids 794-821 from the human protein was used as the immunogen for this FGFR2 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse
Purification:	Purified

# **Target Details**

Target:	FGFR2
Alternative Name:	FGFR2 (FGFR2 Products)

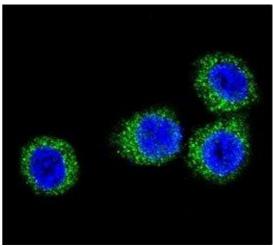
# **Target Details**

Background:	Fibroblast growth factor receptor 2 is a 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. This particular family member is a high-affinity receptor for acidic, basic and/or
	keratinocyte growth factor, depending on the isoform. Alternative splicing in multiple exons,
	including those encoding the Ig-like domains, the transmembrane region and the carboxyl
	terminus, results in varied isoforms which differ in structure and specificity. Isoform 1 has
	equal affinity for aFGF and bFGF but does not bind KGF.
UniProt:	P21802
Pathways:	RTK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin
	Signaling Pathway, Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber
	Development, Growth Factor Binding
Application Details	
Application Notes:	Titration of the FGFR2 antibody may be required due to differences in protocols and
	secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Flow
	Cytometry: 1:10-1:50,Immunofluorescence: 1:10-1:50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % 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:	-20 °C
Storage Comment:	Aliquot the FGFR2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw
	cycles.



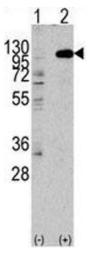
### **Immunofluorescence**

**Image 1.** Confocal immunofluorescent analysis of FGFR2 antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



### **Immunofluorescence**

**Image 2.** Confocal immunofluorescent analysis of FGFR2 antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



# **Western Blotting**

**Image 3.** Western blot analysis of FGFR2 antibody and 293 lysate transiently transfected with the human gene. Predicted molecular weight: 80-120 kDa

Please check the product details page for more images. Overall 4 images are available for ABIN3030952.