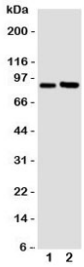
FGFR3 Antibody (R31262)

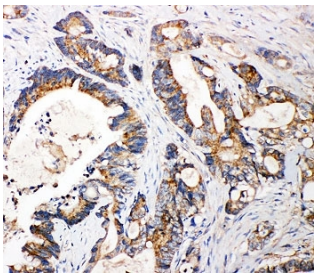
Catalog No.	Formulation	Size
R31262	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

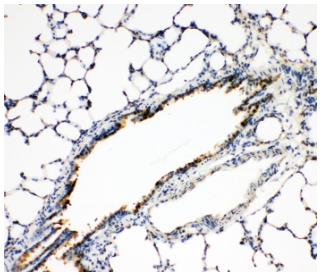
Availability	Backorder
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P22607
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml Immunocytochemistry: 0.5-1ug/ml
Limitations	This FGFR3 antibody is available for research use only.



Western blot testing of FGFR3 antibody and Lane 1: U87; 2: SGC cell lysate. Predicted molecular weight: 87-135 kDa depending on glycosylation level.



IHC-P: FGFR3 antibody testing of human intestine cancer tissue



IHC-P: FGFR3 antibody testing of rat lung tissue

Description

Fibroblast growth factor receptor 3, also known as CD333, is a protein that in humans is encoded by the FGFR3 gene. This gene encodes a member of the fibroblast growth factor receptor (FGFR) family, with its amino acid sequence being highly conserved between members and among divergent species. The gene is mapped to the HD region on chromosome 4p16.3. 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.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the FGFR3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the N-terminus of human Fibroblast growth factor receptor 3 (RQRLTQRVLCHFSVRVTDAP) was used as the immunogen for this FGFR3 antibody.

Storage

After reconstitution, the FGFR3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.