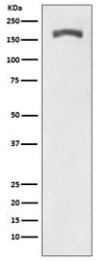
Phospho-PDGFRB Antibody (pY740) [clone FDF-16] (RQ5285)

Catalog No.	Formulation	Size
RQ5285	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Mouse
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	FDF-16
Purity	Affinity purified
UniProt	P09619
Applications	Western blot: 1:1000-1:2000
Limitations	This phospho-PDGFRB antibody (pY740) is available for research use only.



Western blot testing of lysate from PDGF-treated mouse NIH3T3 cells with phospho-PDGFRB antibody (pY740). Expected molecular weight: 123-190 kDa depending on level of glycosylation.

Description

The protein encoded by the PDGFRB gene is a cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. These growth factors are mitogens for cells of mesenchymal origin. The identity of the growth factor bound to a receptor monomer determines whether the functional receptor is a homodimer (PDGFB or PDGFD) or a heterodimer (PDGFA and PDGFB). This gene is essential for normal development of the cardiovascular system and aids in rearrangement of the actin cytoskeleton. [RefSeq]

Application Notes

Optimal dilution of the phospho-PDGFRB antibody (pY740) should be determined by the researcher.

Immunogen

A synthetic peptide specific to PDGF Receptor beta (surrounding phosphorylated Y740) was used as the immunogen for the phospho-PDGFRB antibody.

Storage

Store the phospho-PDGFRB antibody (pY740) at -20oC.

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