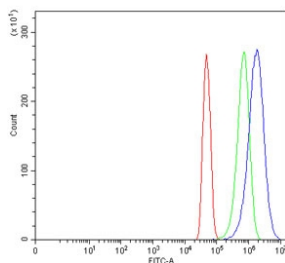


Platelet-derived growth factor C Antibody / PDGFC (RQ6785)

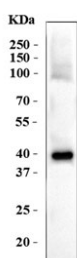
| Catalog No. | Formulation | Size |
|-------------|---|--------|
| RQ6785 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

Bulk quote request

| | |
|---------------------------|--|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Antigen affinity purified |
| Host | Rabbit |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit IgG |
| Purity | Antigen affinity purified |
| Buffer | Lyophilized from 1X PBS with 2% Trehalose |
| UniProt | Q9NRA1 |
| Applications | Western Blot : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml |
| Limitations | This Platelet-derived growth factor C antibody is available for research use only. |



Flow cytometry testing of human U-251 cells with Platelet-derived growth factor C antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Platelet-derived growth factor C antibody.



Western blot testing of human MDA-MB-453 cell lysate with Platelet-derived growth factor C antibody. Predicted molecular weight ~39 kDa.

Description

Platelet-derived growth factor C, also known as PDGF-C, is a 345-amino acid protein that in humans is encoded by the PDGFC gene. The protein encoded by this gene is a member of the platelet-derived growth factor family. The four members of this family are mitogenic factors for cells of mesenchymal origin and are characterized by a core motif of eight cysteines. This gene product appears to form only homodimers. It differs from the platelet-derived growth factor alpha and beta polypeptides in having an unusual N-terminal domain, the CUB domain. Alternatively spliced transcript variants have been found for this gene.

Application Notes

Optimal dilution of the Platelet-derived growth factor C antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids L288-G345) was used as the immunogen for the Platelet-derived growth factor C antibody.

Storage

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