

Product datasheet

Anti-PDGF Receptor alpha antibody [16A1] ab96569

★★★★★ 2 Abreviews

Overview

Product name	Anti-PDGF Receptor alpha antibody [16A1]
Description	Mouse monoclonal [16A1] to PDGF Receptor alpha
Host species	Mouse
Tested applications	Suitable for: ICC, Flow Cyt, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	PDGF Receptor alpha-transfected NIH3T3 cells.
General notes	This product was changed from ascites to tissue culture supernatant on XXX (date). Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.097% Sodium azide Constituent: PBS
Purity	Protein A purified
Purification notes	Purified from TCS
Clonality	Monoclonal
Clone number	16A1
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab96569** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC		Use at an assay dependent concentration.
Flow Cyt		Use a concentration of 2 µg/ml. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IHC-P		Use at an assay dependent concentration.

Target

Function	Receptor that binds both PDGFA and PDGFB and has a tyrosine-protein kinase activity.
Tissue specificity	Expressed in primary and metastatic colon tumors and in normal colon tissue. Tumors may express a different isoform to that found in normal tissue.
Involvement in disease	Note=A chromosomal aberration involving PDGFRA is found in some cases of hypereosinophilic syndrome. Interstitial chromosomal deletion del(4)(q12q12) causes the fusion of FIP1L1 and PDGFRA (FIP1L1-PDGFR).
Sequence similarities	Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily. Contains 5 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 protein kinase domain.
Cellular localization	Membrane.

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