Product Datasheet

Anti-PDGFR alpha antibody [16A1] ab96569

Overview

Product name: Anti-PDGFR alpha antibody [16A1]
Description: Mouse monoclonal [16A1] to PDGFR alpha
Host species: Mouse
Tested applications: Suitable for: ICC, Flow Cyt, IHC-P
Species reactivity: Reacts with: Mouse, Human
Immunogen: Tissue, cells or virus corresponding to Human PDGFR alpha.
General notes: This product was changed from ascites to tissue culture supernatant. 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 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.
**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-PDGFRA).

**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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**Target**

**Application** | **Abreviews** | **Notes**
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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. |  

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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