

PDGFR, alpha

Catalog # RB-9027-P0, -P1, or -P (0.1ml, 0.5ml, or 1.0ml at 200ug/ml)

Catalog # RB-9027-R7 (7.0ml)

Please note this data sheet has been changed effective Jan 25, 2010

INTENDED USE:

- **For In Vitro Diagnostic Use:** This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.
- **Description:** PDGFR (Platelet Derived Growth Factor Receptor) exhibits two different isoforms, alpha and beta coded by two different genes. PDGF A receptors are expressed in oligodendrocyte progenitor cells and PDGF B receptors are expressed on neurons. This antibody is specific for PDGFR, alpha and does not react with PDGFR, beta.
- **Expected Staining Pattern:** Cytoplasmic and cell membrane
- **Positive Control:** Skin and ovarian CA

MATERIALS PROVIDED:

PDGFR, alpha (refer to catalog number):

- #RB-9027-P (or -P0, -P1): 200ug/ml of antibody purified from ascites. Prepared in 10mM PBS, pH 7.4, with 0.2% BSA and 0.09% sodium azide.
- or
- #RB-9027-R7: (7.0ml) of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide.
- **Antibody Concentration:** 200ug/ml
- **Host:** Rabbit
- **Mol. Wt. of Antigen:** 190kDa
- **Epitope:** C-terminus
- **Species Reactivity:** Human and Mouse. Others not tested.
- **Ig Isotype / Light Chain:** IgG
- **Immunogen:** A synthetic peptide derived from C-terminal of human PDGFR alpha.
- **Microbiological State:** This product is not sterile.

MATERIALS REQUIRED, BUT NOT PROVIDED:

- **Antibody Diluent:** For concentrated antibodies, the antibody must be diluted before using. Use Lab Vision Antibody Diluent (catalog # TA-125-UD). Refer to diluent product instructions for use.
- **Negative Control Reagent:** Refer to the "General Protocol" instructions.
- **Visualization System:** Refer to the "General Protocol" instructions.

METHODS AND PROCEDURES:

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| Specimen Preparation | Refer to the "General Protocol" instructions. |
| Dilution of Concentrated Antibody | 1:40 - 1:80 in antibody diluent |
| Tissue Section Pretreatment | Staining of formalin-fixed tissue sections requires treating the tissue sections in boiling 10mM citrate buffer, pH 6.0 (Lab Vision catalog # AP-9003), for 10-20 minutes followed by cooling at room temperature for 20 min. |
| Primary Antibody Incubation Time | Use Ab for 60 minutes at RT using the LP system |
| Visualization | To detect antibody, follow the instructions provided with the visualization system. |

STORAGE and STABILITY:

This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.