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(818)-707-0392 (Fax)
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CD117 (C) Antibody, Rabbit Polyclonal

Cat#: R0079-1

Quantity: 100 ul

Predicted M.W.: 110 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P10721

Background:

C-Kit (CD117) was first identified as the cellular homolog of the feline sarcoma viral oncogene v-kit. It is a type 3 transmembrane receptor for mast cell growth factor. It is a functional tyrosine protein kinase that autophosphorylates itself upon ligand binding. Mutations in this gene are implicated in gastrointestinal stromal tumors, mast cell disease, acute myelogenous leukemia and piebaldism.

Other Names:

KIT, C-Kit, PBT, SCFR

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human CD117. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:1,000-1:5,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

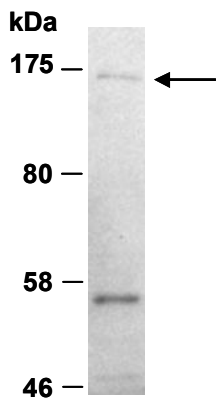


Fig 1. Western blot of total cell extracts from human Glioblastoma cells, using Ab (R0079-1) at RT for 2 h.