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B220 (N) Antibody, Rabbit Polyclonal

Cat#: R0062-1

Lot#: Refer to vial

Quantity: 100 ul

Application: WB

Predicted M.W.: 147 kDa

Uniprot ID: P06800

Background:

Protein tyrosine phosphatase receptor type C (PTPRC, B220) is a member of the protein tyrosine phosphatase (PTP) family. PTPs are signaling molecules that regulate a multitude of cellular processes including cell growth, differentiation, mitotic cycle and oncogenic transformation. B220 is expressed in hematopoietic cells where it acts as a positive regulator of T-cell co-activation upon binding to DPP4. It also suppresses JAK kinase and therefore functions as a regulator of cytokine receptor signaling.

Other Names:

Ptprc, CD45R, Cd45, Ly-5, Lyt-4, T200, loc

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of mouse B220. 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:

Mouse

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:

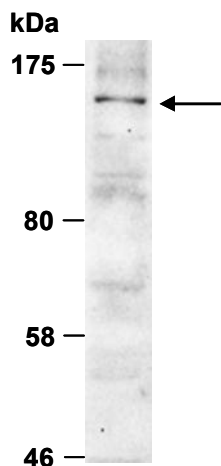


Fig 1. Western blot of total cell extracts from mouse A20, using Ab (R0062-1) at RT for 2 h.