Order: (888)-282-5810 (Phone)
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CR2 (C) Antibody, Rabbit Polyclonal

Cat#: R0550-3

Lot#: Refer to vial

Quantity: 100 ul

Application: WB

Predicted | Observed M.W.: 113 kDa

Uniprot ID: P20023

Background:

Complement receptor type 2 (CR2) is a single-pass type I membrane protein belonging to the receptors of complement activation (RCA) family. CR2 is a receptor for complement C3Dd, for the Epstein-Barr virus on human B-cells and T-cells and for HNRPU. Additionally, CR2 participates in B lymphocytes activation.

Other Names:

Complement receptor type 2, Complement C3d receptor, Epstein-Barr virus receptor, EBV receptor, CD21, C3DR

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human CR2. 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% NaN_3. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

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

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Product Data:

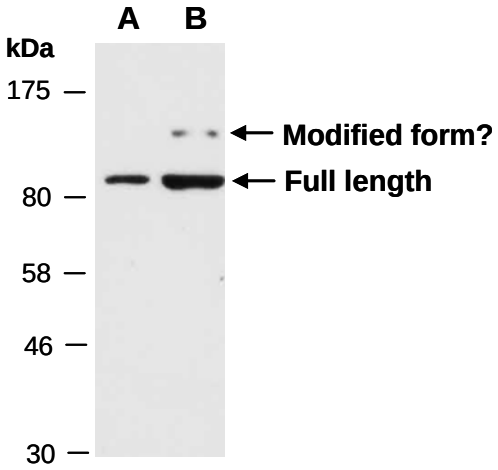

Fig 1. *Western blot of total cell extracts from (A) human HeLa, (B) human Jurkat; using anti-CR2 (C) (R0550-3) at RT for 2 h. This Ab recognize the 113 kD full length CR2 and a 150 kD isoform, possibly modified CR2.*