

## Product Datasheet

# CD38 Antibody

Catalog No: CY5745

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC



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### Information

**UniProt ID:** P28907

**All Names:** CD38 antigen; ADP ribosyl cyclase 1; Cd38-rs1; ADP ribosyl cyclase; ADP ribosyl cyclase/cyclic ADP-ribose hydrolase; ADP-ribosyl cyclase 1; cADPr hydrolase 1; CD 38; CD38 antigen (p45); CD38 molecule;

**Form:** Liquid

**Storage instructions:** Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 45 kDa

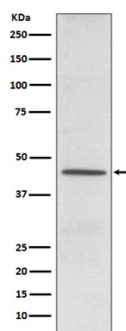
### Application

WB 1:500~1:2000

IHC 1:100~1:500

### Background

CD38 is a transmembrane protein involved in several important biological processes, including immune response, insulin secretion, and social behavior. Synthesizes cyclic ADP-ribose, a second messenger for glucose-induced insulin secretion. Also has cADPr hydrolase activity. Also moonlights as a receptor in cells of the immune system.



Western blot analysis of CD38 expression in HeLa cell lysate.

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