9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

45-1098: Mouse Monoclonal Antibody to Human CD38 (Clone : 38.H1) (Discontinued)

Clonality :	Monoclonal
Clone Name :	38.H1
Application :	ELISA
Gene :	CD38
Gene ID :	952
Uniprot ID :	P28907
Format :	Purified
Alternative Name :	2'-phospho-ADP-ribosyl cyclase, 2'-phospho-cyclic-ADP-ribose transferase, ADP-ribosyl cyclase cyclic ADP-ribose hydrolase,cyclic ADP-ribose hydrolase ADPRC cADPr hydrolase CD38, CD38 antigen (p45), CD38 antigen p45, cluster of differentiation 38, Cyclic ADP-ribose hydrolase cyclic ADP-ribose hydrolase 5, ecto-nicotinamide adenine dinucleotide glycohydrolase, NAD(+) nucleosidase, NAD+ nucleosidase, T10
Isotype :	Mouse IgG2b,Kappa
Immunogen Information :	Recombinant human CD38

Description

CD38 glycoprotein is a particularly attractive target on malignant plasma cells at all stages of disease and in Chronic lymphocytic leukemia (also called CLL) patients with a poor clinical prognosis. It is highly expressed in lymphoid tumors including multiple myeloma, AIDS-associated lymphomas, and post-transplant lymphoproliferation. In contrast, the molecule is detectable only at very low levels in mature lymphocytes or in nonhematopoietic tissues. Therapeutic Anti-CD38 antibodies (e.g. Daratumumab) can induce strong antibody-dependent cellular cytotoxicity and complement-dependent cytotoxicity to kill tumors. Human CD38 Antibody (38.H1), mAb, Mouse is produced from a hybridoma resulting from the fusion of SP2/0 myeloma and B-lymphocytes obtained from a mouse immunized with recombinant human CD38.

Product Info

Amount :	40 µg
Purification :	Protein A chromatography
Content :	0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide.
Storage condition :	The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Application Note

ELISA detection: 0.01-0.1 µg/ml
Flow cytometry: 5-7 µg/ml

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

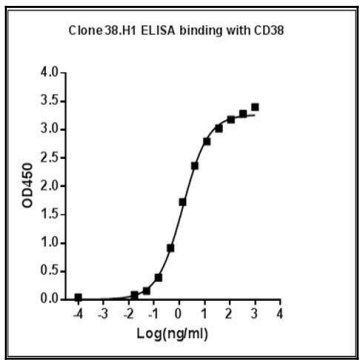


Figure-1 : ELISA binding of CD38 antibody (Clone: 38.H1) with Human CD38 recombinant protein, Coating antigen: Human CD38 recombinant protein at 1 µg/ml, CD38 antibody dilution start from 1000 ng/ml, EC50= 1.38 ng/ml.

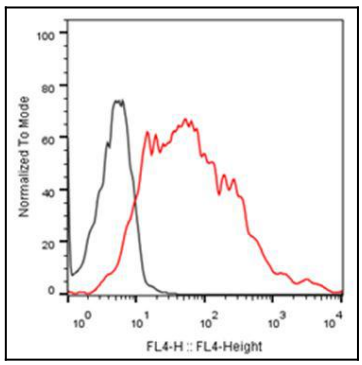


Figure-2 : Flow cytometric analysis of CD38 Antibody (Clone: 38.H1) on CHO-K1/Human CD38 stable cell line expressing CD38 (Red histogram) and CHO negative control cell (Black histogram) at 5 µg/ml, 2.5x10â□µ cells/reaction, iFluor647 conjugated Goat Anti-Mouse IgG used as Secondary Antibody.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.