
Product Name: CD38 Mouse Monoclonal Antibody**Catalog #: AMM81422**

For research use only.

Summary

| | |
|----------------------|---|
| Description | Mouse monoclonal Antibody |
| Host | Mouse |
| Application | WB,IHC,ELISA |
| Reactivity | Human |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | Mouse IgG1 |
| Clonality | Monoclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Purified antibody in PBS with 0.05% sodium azide. |
| Purification | Affinity Purification |

Application

| | |
|-------------------------|---|
| Dilution Ratio | WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000 |
| Molecular Weight | 34.3kDa |

Antigen Information

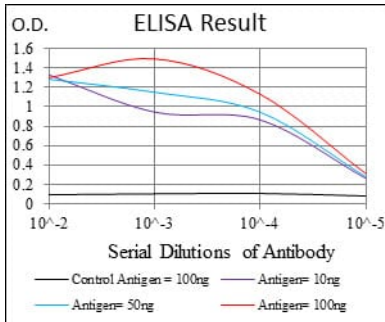
| | |
|--------------------------|---|
| Gene Name | CD38 |
| Alternative Names | T10; ADPRC 1 |
| Gene ID | 952.0 |
| SwissProt ID | P28907 |
| Immunogen | Purified recombinant fragment of human CD38 (AA: Extra(43-300)) expressed in E. Coli. |

Background

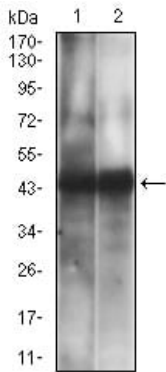
CD38 is a novel multifunctional ectoenzyme widely expressed in cells and tissues especially in leukocytes. CD38 also functions in cell adhesion, signal transduction and calcium signaling.

Research Area

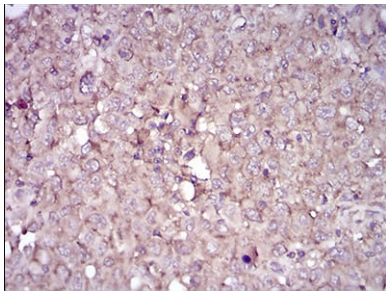
Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using CD38 mouse mAb against HEK293 (1), LNcap (2) cell lysate.



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissues using CD38 mouse mAb with DAB staining.