abcam

ab233745

# Anti-BCMA antibody [1D12G9]

Mouse Monoclonal BCMA antibody. Suitable for ELISA, Flow Cyt, WB and reacts with Recombinant fragment - Human, Human samples. Cited in 1 publication. Immunogen corresponding to Recombinant Fragment Protein within Human TNFRSF17 aa 1-50.

Image updates are in progress. Products remain available and covered by the Abcam Product Promise. Learn more.

## Key facts

| | |
|---|---|
| **Isotype** | IgG1 |
| **Host species** | Mouse |
| **Storage buffer** | Preservative: 0.05% Sodium azide Constituents: PBS |
| **Form** | Liquid |
| **Clonality** | Monoclonal |
| **Immunogen** | Recombinant Fragment Protein within Human TNFRSF17 aa 1-50. The exact immunogen used to generate this antibody is proprietary information. Database link Q02223 |
| **Clone number** | 1D12G9 |
| **Purification technique** | Affinity purification Protein G |
| **Concentration** | 1 mg/mL The concentration of this product may be batch-dependent<br>Batch concentration finder → |
| **Purification notes** | Purified from tissue culture supernatant. |

## Reactivity data

### ELISA

**Tested**

| | |
|---|---|
| **Species** | Recombinant fragment - Human |
| **Dilution info** | 1/10000 |
| **Notes** | - |

### Expected

| | |
|---|---|
| **Species** | Human |
| **Dilution info** | Use at an assay dependent concentration. |
| **Notes** | - |

## Flow Cyt

### Tested

| | |
|---|---|
| **Species** | Human |
| **Dilution info** | 1/200 - 1/400 |
| **Notes** | - |

### Not recommended

| | |
|---|---|
| **Species** | Recombinant fragment - Human |
| **Dilution info** | - |
| **Notes** | - |

## WB

### Tested

| | |
|---|---|
| **Species** | Human |
| **Dilution info** | 1/500 - 1/2000 |
| **Notes** | - |

### Not recommended

| | |
|---|---|
| **Species** | Recombinant fragment - Human |
| **Dilution info** | - |

| | |
|---|---|
| **Notes** | - |

## Target data

See full target information TNFRSF17

| | |
|---|---|
| **Function** | Receptor for TNFSF13B/BLyS/BAFF and TNFSF13/APRIL. Promotes B-cell survival and plays a role in the regulation of humoral immunity. Activates NF-kappa-B and JNK. |

## Storage

| | |
|---|---|
| **Shipped at conditions** | Blue Ice |
| **Appropriate short-term storage duration** | 1-2 weeks |
| **Appropriate short-term storage conditions** | +4°C |
| **Appropriate long-term storage conditions** | -20°C |
| **Aliquoting information** | Upon delivery aliquot |
| **Storage information** | Avoid freeze / thaw cycle |

## Product promise

**Tested**

We have tested this species and application combination and it works. It is covered by our product promise.

**Expected**

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

**Predicted**

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

**Not recommended**

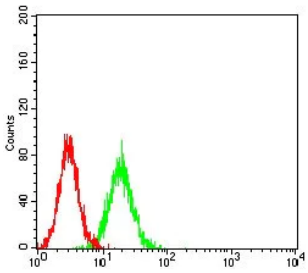
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

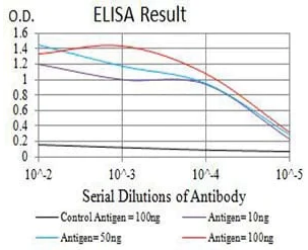
## 2 product images




### Flow Cytometry - Anti-BCMA antibody [1D12G9] (ab233745)

BCMA Flow Cytometry staining using mouse Anti-BCMA antibody

Flow cytometric analysis of K562 (human chronic myelogenous leukemia cell line from bone marrow) cells labelling BCMA using ab233745 at 1/200 dilution (green) compared with a negative control (red).




### ELISA - Anti-BCMA antibody [1D12G9] (ab233745)

ELISA showing primary antibody ab233745 binding to the BCMA antigen. Primary antibody was used in a serial dilution.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.