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anti-TIA1 antibody (AA 1-215)





Go to Product page

Overview

| Quantity: | 0.1 mg |
|----------------------|---|
| Target: | TIA1 |
| Binding Specificity: | AA 1-215 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Application: | Western Blotting (WB), ELISA, Flow Cytometry (FACS) |

Product Details

| Immunogen: | Purified recombinant fragment of human TIA1 (AA: 1-215) expressed in E. coli. |
|---------------|---|
| Clone: | 2A10B12 |
| Isotype: | lgG1 |
| Purification: | purified |

Target Details

| Target: | TIA1 |
|-------------------|---|
| Alternative Name: | TIA1 (TIA1 Products) |
| Background: | Description: The product encoded by this gene is a member of a RNA-binding protein family |
| | and possesses nucleolytic activity against cytotoxic lymphocyte (CTL) target cells. It has been |
| | suggested that this protein may be involved in the induction of apoptosis as it preferentially |
| | recognizes poly(A) homopolymers and induces DNA fragmentation in CTL targets. The major |

Target Details

| granule-associated species is a 15- kDa protein that is thought to be derived from the carboxyl |
|---|
| terminus of the 40- kDa product by proteolytic processing. Alternative splicing resulting in |
| different isoforms has been found for this gene. |

Aliases: WDM, TIA-1

| Molecular Weight: | 43 kDa | | |
|-------------------|--------|--|--|
| | | | |

Gene ID: 7072

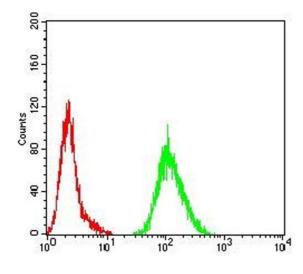
Application Details

| Application Notes: | WB:1:500 - 1:2000, FCM:1:200 - 1:400, ELISA:1:10000, |
|--------------------|--|
| Restrictions: | For Research Use only |

Handling

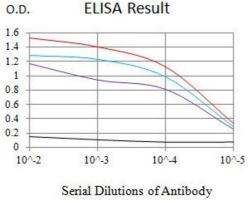
| Buffer: | Purified antibody in PBS with 0.05 % sodium azide |
|--------------------|--|
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | 4°C, -20°C for long term storage |

Images



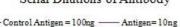
Flow Cytometry

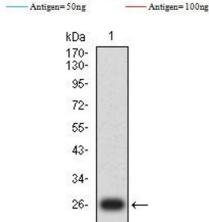
Image 1. Flow cytometric analysis of Hela cells using TIA1 mouse mAb (green) and negative control (red).



ELISA

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)





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Western Blotting

Image 3. Western blot analysis using TIA1 mAb against human TIA1 (AA: 1-215) recombinant protein. (Expected MW is 26.8 kDa)

Please check the product details page for more images. Overall 4 images are available for ABIN7193559.