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# anti-TIA1 antibody (AA 1-215)





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## Overview

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

### **Product Details**

| Immunogen:    | Purified recombinant fragment of human TIA1 (AA: 1-215) expressed in E. coli. |
|---------------|---|
| Clone:        | 3A3B9   |
| 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 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**

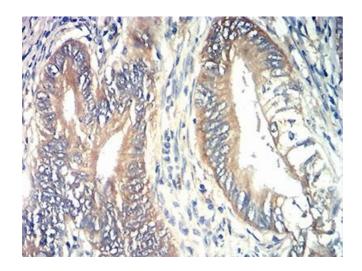
| Application Notes: | WB:1:500 - 1:2000, IHC:1:200 - 1:1000, ICC:1:200 - 1:1000, FCM:1:200 - 1:400, ELISA:1:10000, |
|--------------------|--|
|                    |  |

Restrictions: For Research Use only

# Handling

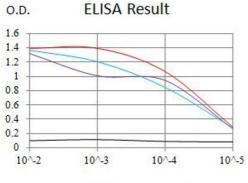
| Buffer:            | Purified antibody in PBS with 0.05 % sodium azide  |
|--------------------|--|
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:    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

## **Images**



# Immunohistochemistry

**Image 1.** Immunohistochemical analysis of paraffinembedded rectum cancer tissues using TIA1 mouse mAb with DAB staining.

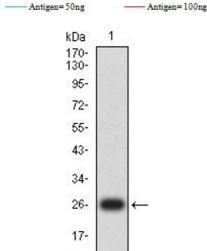


#### **ELISA**

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

### Serial Dilutions of Antibody

Control Antigen = 100ng ----- Antigen= 10ng



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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 6 images are available for ABIN7193566.