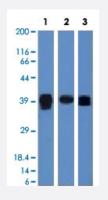


TIA1 monoclonal antibody, clone TIA1/1313

Catalog # MAB14898 Size 100 ug

Applications



Western Blot (Cell lysate)

Western Blot (Cell Iysate) analysis with TIA1 monoclonal antibody, clone TIA1/1313 (Cat # MAB14898): 1. HepG2 cell line 2. PC3 cell line 3. HeLa cell line

Specification	
Product Description	Mouse monoclonal antibody raised against partial recombinant human TIA1.
Immunogen	Recombinant protein corresponding to amino acids 279-380 of human TIA1 (exact sequence is prop rietary).
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A purification
lsotype	lgG2b
Recommend Usage	Flow Cytometry (0.5-1 ug/million cells) Immunofluorescence (1-2 ug/mL) Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.



Storage Instruction

Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis with TIA1 monoclonal antibody, clone TIA1/1313 (Cat # MAB14898):

- 1. HepG2 cell line
- 2. PC3 cell line
- 3. HeLa cell line
- Immunofluorescence
- Flow Cytometry

Gene Info — TIA1

Entrez GenelD	<u>7072</u>
Gene Name	TIA1
Gene Alias	-
Gene Description	TIA1 cytotoxic granule-associated RNA binding protein
Omim ID	<u>603518</u>
Gene Ontology	<u>Hyperlink</u>
Gene Summary	The product encoded by this gene is a member of a RNA-binding protein family and possesses n ucleolytic activity against cytotoxic lymphocyte (CTL) target cells. It has been suggested that this p rotein may be involved in the induction of apoptosis as it preferentially recognizes poly(A) homopo lymers 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 of this gene product has been described in the literature. [provided by RefSeq
Other Designations	T-cell-restricted intracellular antigen-1 TIA1 cytotoxic granule-associated RNA-binding protein TIA 1 protein cytotoxic granule-associated RNA-binding protein nucleolysin TIA-1 isoform p40 p40-TIA -1 (containing p15-TIA-1)

😵 Abnova

• TIA-1: structural and functional studies on a new class of cytolytic effector molecule.

Anderson P.

Current Topics in Microbiology and Immunology 1995 Jan; 198:131.