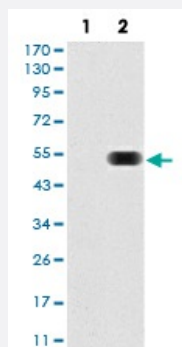


THAP1 monoclonal antibody, clone 8D10C8

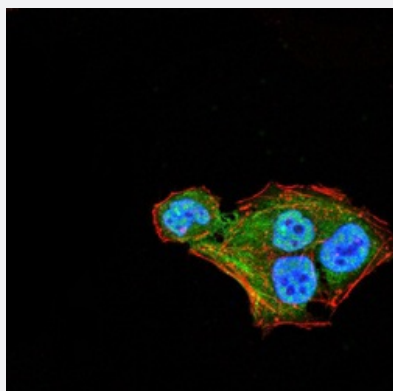
Catalog # MAB16729 Size 100 ug

Applications



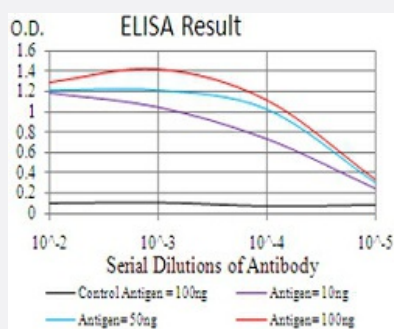
Western Blot (Transfected lysate)

Western blot analysis of Lane 1: HEK293 cell; Lane 2: THAP1-hlgGfc transfected HEK293 cell with THAP1 monoclonal antibody.



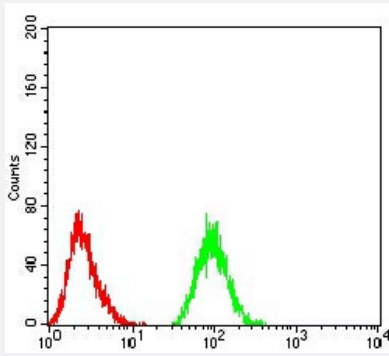
Immunocytochemistry

Immunocytochemical staining of HeLa cells with THAP1 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of THAP1 monoclonal antibody, clone 8D10C8.



Flow Cytometry

Flow cytometric analysis of Jurkat cells with THAP1 monoclonal antibody (green) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human THAP1.
Immunogen	Recombinant protein corresponding to amino acid 1-213 of human THAP1 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	24.9
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry Immunocytochemistry (1:200-1:1000) Flow Cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot analysis of Lane 1: HEK293 cell; Lane 2: THAP1-hlgGfc transfected HEK293 cell with THAP1 monoclonal antibody.

- Immunocytochemistry

Immunocytochemical staining of Hela cells with THAP1 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of THAP1 monoclonal antibody, clone 8D10C8.

- Flow Cytometry

Flow cytometric analysis of Jurkat cells with THAP1 monoclonal antibody (green) and negative control (red).

Gene Info — THAP1

Entrez GeneID [55145](#)

Gene Name THAP1

Gene Alias FLJ10477, MGC33014

Gene Description THAP domain containing, apoptosis associated protein 1

Omim ID [609520](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene contains a THAP domain, a conserved DNA-binding domain. This protein colocalizes with the apoptosis response protein PAWR/PAR-4 in promyelocytic leukemia (PML) nuclear bodies, and functions as a proapoptotic factor that links PAWR to PML nuclear bodies. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq]

Other Designations 4833431A01Rik|THAP domain protein 1|nuclear proapoptotic factor

Disease

- [Dystonia](#)
- [Dystonic Disorders](#)
- [Genetic Predisposition to Disease](#)