

THRAP5 Antibody (monoclonal) (M02)**Mouse monoclonal antibody raised against a partial recombinant THRAP5.****Catalog # AT4234a****Specification**

THRAP5 Antibody (monoclonal) (M02) - Product Information

Application	IF, WB, E
Primary Accession	O9Y2X0
Other Accession	BC017282
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	96793

THRAP5 Antibody (monoclonal) (M02) - Additional Information**Gene ID** 10025**Other Names**

Mediator of RNA polymerase II transcription subunit 16, Mediator complex subunit 16, Thyroid hormone receptor-associated protein 5, Thyroid hormone receptor-associated protein complex 95 kDa component, Trap95, Vitamin D3 receptor-interacting protein complex 92 kDa component, DRIP92, MED16, DRIP92 {ECO:0000312|EMBL:AAD310871}, THRAP5

Target/Specificity

THRAP5 (AAH17282, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

THRAP5 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

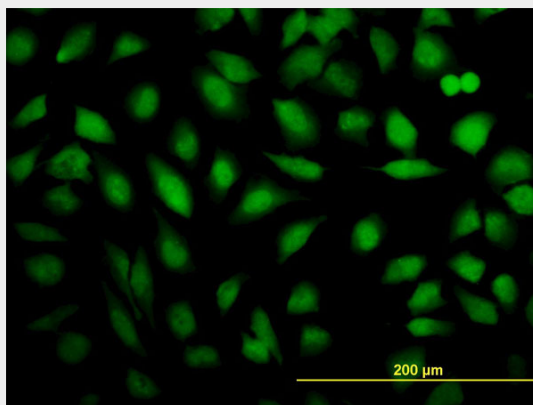
THRAP5 Antibody (monoclonal) (M02) - Protocols

Provided below are standard protocols that you may find useful for product applications.

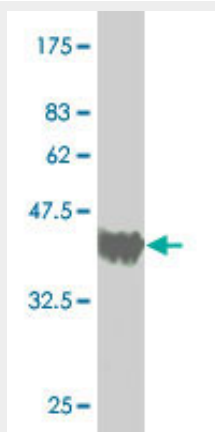
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

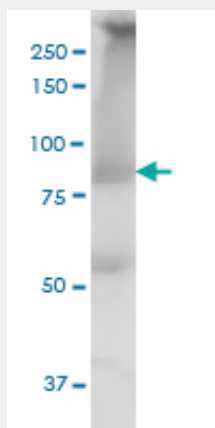
THRAP5 Antibody (monoclonal) (M02) - Images



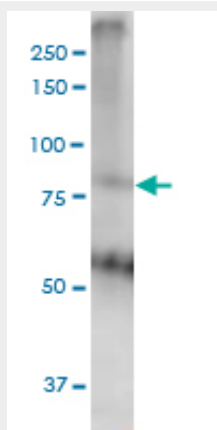
Immunofluorescence of monoclonal antibody to THRAP5 on HeLa cell. [antibody concentration 10 ug/ml]



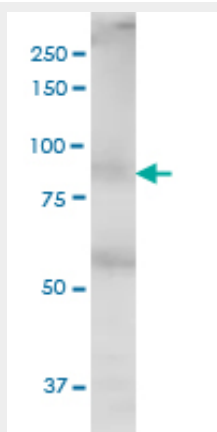
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .



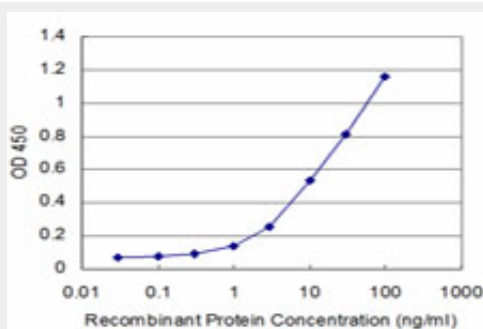
THRAP5 monoclonal antibody (M02), clone 2B7. Western Blot analysis of MED16 expression in PC-12.



THRAP5 monoclonal antibody (M02), clone 2B7. Western Blot analysis of MED16 expression in A-431.



THRAP5 monoclonal antibody (M02), clone 2B7. Western Blot analysis of MED16 expression in NIH/3T3.



Detection limit for recombinant GST tagged THRAP5 is approximately 1ng/ml as a capture antibody.

THRAP5 Antibody (monoclonal) (M02) - References

MED1/TRAP220 exists predominantly in a TRAP/ Mediator subpopulation enriched in RNA polymerase II and is required for ER-mediated transcription. Zhang X, et al. Mol Cell, 2005 Jul 1. PMID 15989967. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. A set of consensus mammalian mediator subunits identified by multidimensional protein identification

technology. Sato S, et al. Mol Cell, 2004 Jun 4. PMID 15175163. A mammalian mediator subunit that shares properties with *Saccharomyces cerevisiae* mediator subunit Cse2. Tomomori-Sato C, et al. J Biol Chem, 2004 Feb 13. PMID 14638676. Coordination of p300-mediated chromatin remodeling and TRAP/mediator function through coactivator PGC-1alpha. Wallberg AE, et al. Mol Cell, 2003 Nov. PMID 14636573.