

TID1 Monoclonal Antibody (RS13)

Product Details	
Size	500 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Mouse
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	RS13
Conjugate	Unconjugated
Immunogen	Recombinant hTid-1 protein
Form	Liquid
Concentration	0.2 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_10984230

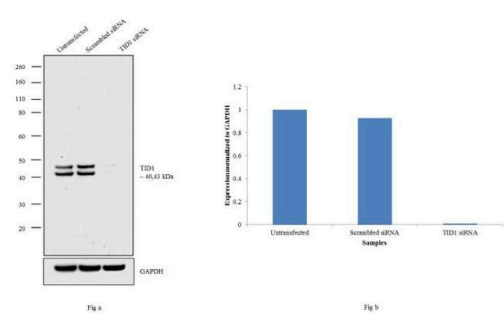
Applications	Tested Dilution	Publications
Western Blot (WB)	1-3 µg/mL	2 Publications
Immunocytochemistry (ICC/IF)	2 µg/mL	-
Immunoprecipitation (IP)	2 µg/mL	-

Product Specific Information

MA5-12267 targets TID-1 in IP, IP, and WB applications and shows reactivity with Human, mouse, and Rat samples.

The MA5-12267 immunogen is recombinant hTid-1 protein.

Product Images For TID1 Monoclonal Antibody (RS13)

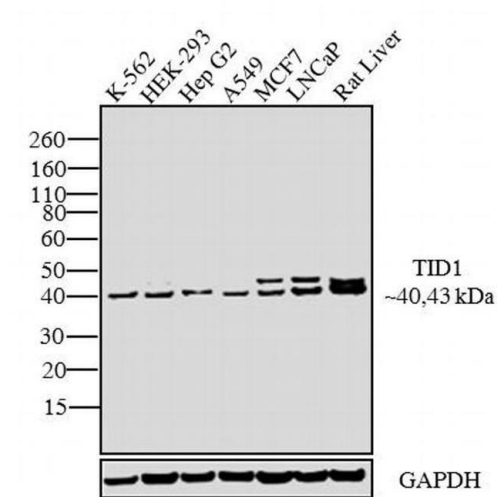


TID1 Antibody (MA5-12267)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with TID1 siRNA and loss of signal was observed in Western Blot using Anti- TID1 monoclonal Antibody (Product # MA5-12267). {KD}

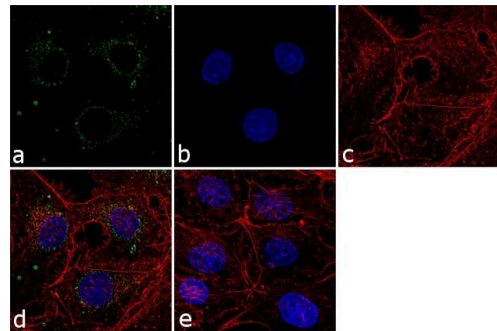
TID1 Antibody (MA5-12267) in WB

Western blot analysis was performed on membrane enriched extracts (30 µg lysate) of K-562 (Lane 1), HEK-293 (Lane 2), Hep G2 (Lane 3), A549 (Lane 4), MCF7 (Lane 5), LNCaP (Lane 6) and tissue enriched extracts (30 µg lysate) of Rat Liver (Lane 7).The blots were probed with TID1 Mouse monoclonal Antibody (Product # MA5-12267, 2 µg/mL) and detected by chemiluminescence using Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate (Product # A28177, 0.25 µg/mL, 1:4000 dilution). A 40 kDa band corresponding to TID1 was observed across the cell lines tested. Apart from desired band, a 43 kDa band was observed in MCF7 and LNCaP cell line representing the splice variant of the target. Known quantity of protein samples were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0322BOX), XCell SureLock™ Electrophoresis System (Product # EI0002) and Novex® Sharp Pre-Stained Protein Standard (Product # LC5800). Resolved proteins were then transferred onto a nitrocellulose membrane with iBlot® 2 Dry Blotting System (Product # IB21001). The membrane was probed with the relevant primary and secondary Antibody following blocking with 5% skimmed milk. Chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).



TID1 Antibody (MA5-12267) in ICC/IF

Immunofluorescence analysis of TID1 was performed using 70% confluent log phase HepG2 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with TID1 (RS13) Mouse Monoclonal Antibody (Product # MA5-12267) at 2 µg/mL in 0.1% BSA and incubated for 3 hours at room temperature and then labeled with Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A28175) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Alexa Fluor® 555 Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing cytoplasmic localization. Panel e shows the no primary antibody control. The images were captured at 60X magnification.



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Western Blot (2)

<p>Proceedings of the National Academy of Sciences of the United States of America</p> <p>p53 is a transcriptionally inactive p53 isoform able to reprogram cells toward a metastatic-like state.</p> <p>"MA5-12267 was used in western blot to study reprogramming of cells toward a metastatic-like state by p53 psi, a transcriptionally inactive p53 isoform"</p> <p>Authors: Senturk S,Yao Z,Camiolo M,Stiles B,Rathod T,Walsh AM,Nemajero A,Lazzara MJ,Altorki NK,Krainer A,Moll UM,Lowe SW,Cartegni L,Sordella R</p>	<p>Year 2014</p>
<p>Molecular and cellular biology</p> <p>Functional genetic screen for genes involved in senescence: role of Tid1, a homologue of the Drosophila tumor suppressor l(2)tid, in senescence and cell survival.</p> <p>"MA5-12267 was used in western blot to perform a functional genetic screen for genes involved in senescence"</p> <p>Authors: Tarunina M,Alger L,Chu G,Munger K,Gudkov A,Jat PS</p>	<p>Year 2004</p> <p>Species Mouse</p>

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