

MED1 recombinant antibody

Rabbit anti-MED1 Recombinant Monoclonal Antibody [BLR037F]

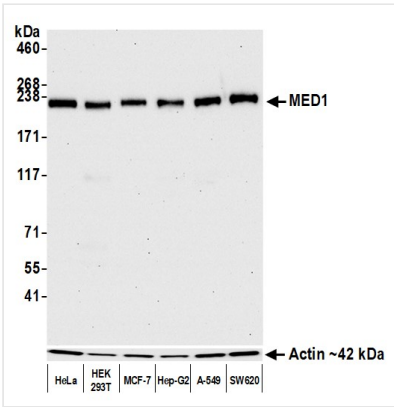
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23807	Rabbit	Human, Mouse	Western Blot, Immunoprecipitation, Immunohistochemistry, Immunocytochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

MED1; Monoclonal Recombinant Antibody; Rabbit anti-MED1 Recombinant Monoclonal Antibody [BLR037F]; PPAR-binding protein; PPARBP; PPARGBP; RB18A; Thyroid receptor-interacting protein 2; TR-interacting protein 2; TRIP-2; peroxisome proliferator-activated receptor-binding protein; TRAP220; vitamin D receptor-interacting protein 230 kD; activator-recruited cofactor 205 kDa component; p53 regulatory protein RB18A; mediator of RNA polymerase II transcription subunit 1; Mediator complex subunit 1; DRIP230; DRIP205; CRSP200; CRSP1; ARC205; TRIP2; PBP; Mediator of RNA polymerase II transcription subunit 1; mediator complex subunit 1; MED1 recombinant antibody

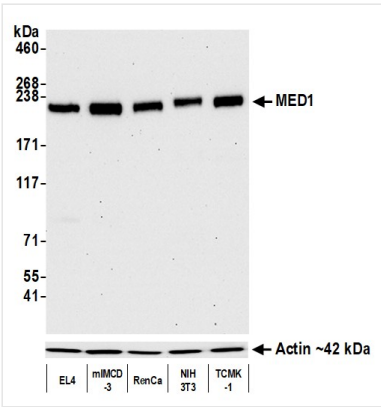
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	BLR037F
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	100ug/ml (varies by lot)
Applicable Applications for MED1 recombinant antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000 IP: 20 ul/mg lysate IHC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. ICC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. FC/FACS: Fixed in 4% formaldehyde and permeabilized with 90% methanol. 1 ul per 1 x 10 ⁶ cells.
Predicted Reactivity	Orangutan
Immunogen	Between 1531 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



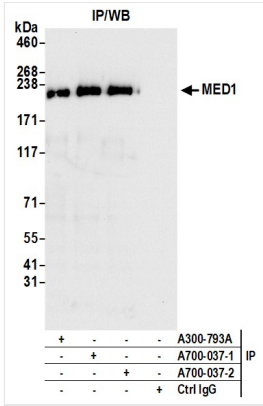
WB (Western Blot)

Detection of human MED1 by western blot. Samples: Whole cell lysate (10 ug) from HeLa, HEK293T, MCF-7, Hep-G2, A-549, and SW620 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-MED1 recombinant monoclonal antibody (AAA23807 Lot 2) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Cytoskeletal Actin recombinant monoclonal .



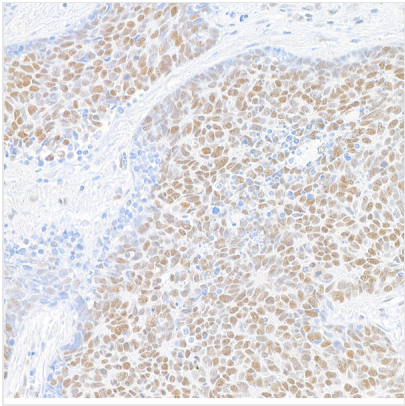
WB (Western Blot)

Detection of mouse MED1 by western blot. Samples: Whole cell lysate (10 ug) from EL4, mIMCD-3, RenCa, NIH 3T3, and TCMK-1 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-MED1 recombinant monoclonal antibody (AAA23807 Lot 2) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Cytoskeletal Actin recombinant monoclonal .



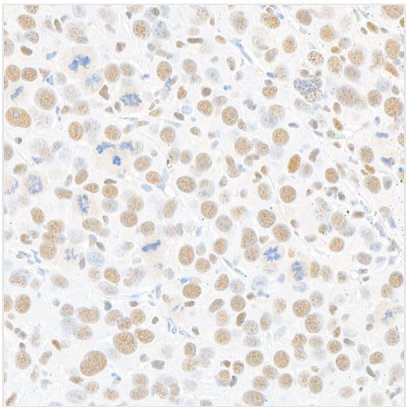
IP (Immunoprecipitation)

Detection of human MED1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-MED1 recombinant monoclonal antibody (AAA23807 Lot 2) used for IP at 20 ul/mg lysate. MED1 was also immunoprecipitated by a previous lot of this antibody (AAA23807-1) and rabbit anti-MED1 antibody For blotting immunoprecipitated MED1, AAA23807 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 3 seconds.



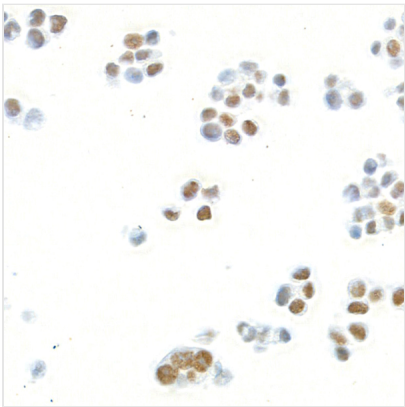
IHC (Immunohistochemistry)

Detection of human MED1 in FFPE lung carcinoma by immunohistochemistry. Antibody: Rabbit anti-MED1 recombinant monoclonal antibody (AAA23807 Lot 2). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.



IHC (Immunohistochemistry)

Detection of mouse MED1 in FFPE renal cell carcinoma by immunohistochemistry. Antibody: Rabbit anti-MED1 recombinant monoclonal antibody (AAA23807 Lot 2). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.



ICC (Immunocytochemistry)

Detection of human MED1 in FFPE HCT 116 cells by immunocytochemistry. Antibody: Rabbit anti-MED1 recombinant monoclonal antibody (AAA23807 Lot 2). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.

ADDITIONAL INFORMATION

Related Product Information for MED1 recombinant antibody	MED1 is a component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q15648].
Product Categories/Family for MED1 recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	28559039
NCBI GeneID	5469
NCBI Accession #	NP_004765.2
NCBI GenBank Nucleotide #	NM_004774.3
UniProt Accession #	Q15648 ; O43810 ; O75447 ; Q6P9H7 ; Q6PK58 ; Q9HD39 ; A2RRQ6
Molecular Weight	168,478 Da
NCBI Official Full Name	mediator of RNA polymerase II transcription subunit 1
NCBI Official Synonym Full Names	mediator complex subunit 1
NCBI Official Symbol	MED1
NCBI Official Synonym Symbols	PBP; CRSP1; RB18A; TRIP2; PPARBP; CRSP200; DRIP205; DRIP230; PPARGBP; TRAP220
NCBI Protein Information	mediator of RNA polymerase II transcription subunit 1; ARC205; TRIP-2; PPAR binding protein; PPAR-binding protein; PPARG binding protein; TR-interacting protein 2; p53 regulatory protein RB18A; thyroid receptor interacting protein 2; thyroid receptor-inte
UniProt Protein Name	Mediator of RNA polymerase II transcription subunit 1
UniProt Gene Name	MED1
UniProt Synonym Gene Names	ARC205; CRSP1; CRSP200; DRIP205; DRIP230; PBP; PPARBP; PPARGBP; RB18A; TRAP220; TRIP2; ARC205; PBP; PPAR-binding protein; Trap220; TR-interacting protein 2; TRIP-2
UniProt Entry Name	MED1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/med1-recombinant-antibody-clone-blr037f-western-blot-immunoprecipitation-immunohistochemistry-immunocytochemistry-flow-cytometry-elisa/23807>