

Mouse anti-Human, Mouse WDR77 Monoclonal Antibody | anti-WDR77 antibody

WDR77 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290439	Mouse	Human, Mouse	Immunocytochemistry, Western Blot

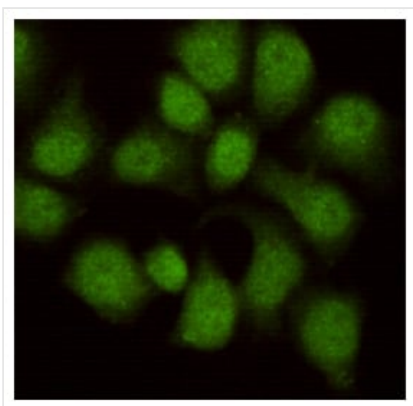
PRODUCT SYNONYMS

WDR77; Monoclonal Antibody; WDR77 Antibody; Purified Mouse Monoclonal Antibody (Mab); 2610312E17Rik; Androgen receptor cofactor p44; C79984; HKMT1069; MEP 50; MEP-50; MEP50; MEP50_HUMAN; Methylosome protein 50; MGC2722; Nbla10071; p44; p44/Mep50; RGD1310479; RP11 552M11.3; WD repeat containing protein 77; WD repeat domain 77; WD repeat-containing protein 77; WDR77.; anti-WDR77 antibody

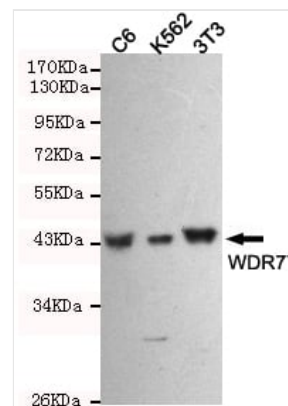
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Form/Format	Purified mouse monoclonal in PBS(pH 7.4) containing with 0.02% sodium azide and 50% glycerol.
Sequence Length	342
Applicable Applications for anti-WDR77 antibody	ICC (Immunocytochemistry), WB (Western Blot)
Antigen Source	Human
Antigen Type	Recombinant Protein
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


ICC (Immunocytochemistry)

Immunocytochemistry staining of HeLa cells fixed in 1% Paraformaldehyde and then permeabilized in 0.1% Triton X-100, next using WDR77 mouse mAb (dilution 1:100).


WB (Western Blot)

Western blot detection of WDR77 in C6, 3T3 and K562 cell lysates using WDR77 mouse mAb (1:1000 diluted). Predicted band size: 42KDa. Observed band size: 42KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-WDR77 antibody	Non-catalytic component of the 20S PRMT5-containing methyltransferase complex, which modifies specific arginines to dimethylarginines in several spliceosomal Sm proteins and histones. This modification targets Sm proteins to the survival of motor neurons (SMN) complex for assembly into small nuclear ribonucleoprotein core particles. Might play a role in transcription regulation. The 20S PRMT5-containing methyltransferase complex also methylates the Piwi proteins (PIWIL1, PIWIL2 and PIWIL4), methylation of Piwi proteins being required for the interaction with Tudor domain-containing proteins and subsequent localization to the meiotic nuage.
Product Categories/Family for anti-WDR77 antibody	Signal Transduction
References	Friesen W.J.,et al.J. Biol. Chem. 277:8243-8247(2002). Hosohata K.,et al.Mol. Cell. Biol. 23:7019-7029(2003). Ota T.,et al.Nat. Genet. 36:40-45(2004). Yamada S.,et al.Oncogene 23:5901-5911(2004). Gregory S.G.,et al.Nature 441:315-321(2006).

NCBI AND UNIPROT INFORMATION

NCBI GI #	13129110
NCBI GeneID	79084
NCBI Accession #	NP_077007.1
NCBI GenBank Nucleotide #	NM_024102.3
UniProt Accession #	Q9BQA1; Q3LID2; Q53FU2; Q6JZZ5; Q96GK4; Q9BWH3; B3KMW6; B4DP38
Molecular Weight	36724
NCBI Official Full Name	methylosome protein 50 isoform 2
NCBI Official Synonym Full Names	WD repeat domain 77
NCBI Official Symbol	WDR77
NCBI Official Synonym Symbols	p44; MEP50; MEP-50; HKMT1069; Nbla10071; p44/Mep50
NCBI Protein Information	methylosome protein 50
UniProt Protein Name	Methylosome protein 50
UniProt Gene Name	WDR77
UniProt Synonym Gene Names	MEP50; WD45; MEP-50
UniProt Entry Name	MEP50_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/wdr77-antibody-immunocytochemistry-western-blot-elisa/290439>