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WDR77 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant WDR77.
Catalog # AT4536a

Specification

WDR77 Antibody (monoclonal) (M01) - Product Information

Application	**WB, IHC, E**
Primary Accession	Q9BQA1
Other Accession	BC001679
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**36724**

WDR77 Antibody (monoclonal) (M01) - Additional Information

Gene ID 79084

Other Names
Methylosome protein 50, MEP-50, Androgen receptor cofactor p44, WD repeat-containing protein 77, p44/Mep50, WDR77, MEP50, WD45

Target/Specificity
WDR77 (AAH01679, 1 a.a. ~ 342 a.a) full-length 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
WDR77 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

WDR77 Antibody (monoclonal) (M01) - Protocols

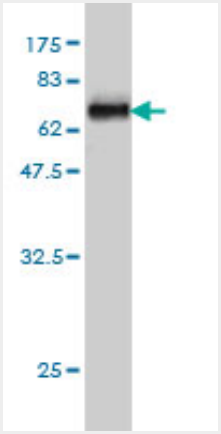
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

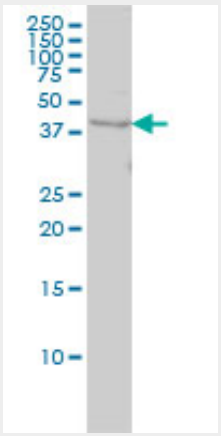
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

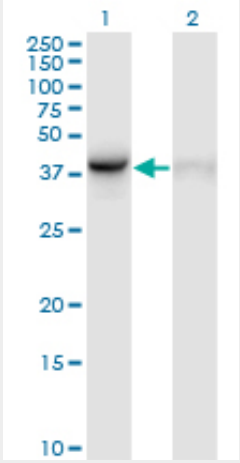
WDR77 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (63.36 KDa) .



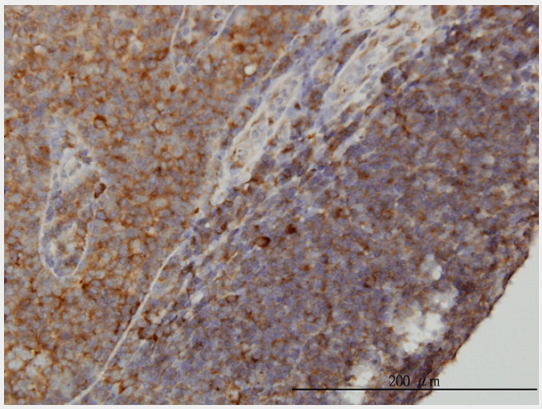
WDR77 monoclonal antibody (M01), clone 3F10 Western Blot analysis of WDR77 expression in HeLa ((Cat # AT4536a)



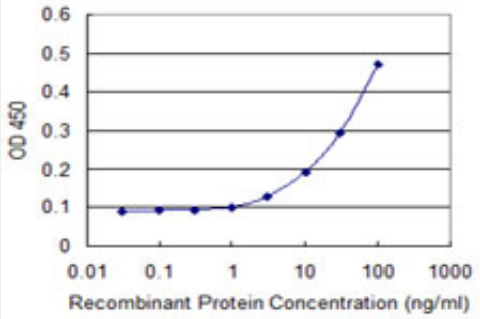
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Western Blot analysis of WDR77 expression in transfected 293T cell line by WDR77 monoclonal antibody (M01), clone 3F10.

Lane 1: WDR77 transfected lysate(36.7 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to WDR77 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged WDR77 is approximately 3ng/ml as a capture antibody.

WDR77 Antibody (monoclonal) (M01) - Background

WDR77 is a component of the 20S PRMT5 (MIM 604045)-containing methyltransferase complex, which modifies specific arginines to dimethylarginines in several spliceosomal Sm proteins (see MIM 601061). This modification targets Sm proteins to the survival of motor neurons (SMN) complex (see MIM 600354) for assembly into small nuclear ribonucleoprotein core particles (Friesen et al., 2002 [PubMed 11756452]).

WDR77 Antibody (monoclonal) (M01) - References

1.PRMT5 Is Upregulated in Malignant and Metastatic Melanoma and Regulates Expression of MITF and p27(Kip1.).Nicholas C, Yang J, Peters SB, Bill MA, Baiocchi RA, Yan F, Sif S, Tae S, Gaudio E, Wu X, Grever MR, Young GS, Lesinski GBPLoS One. 2013 Sep 30;8(9):e74710. doi: 10.1371/journal.pone.0074710.