

# WDR77 Antibody (monoclonal) (M01)

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

# **Product Information**

Application	WB, IHC, E
Primary Accession	<u>Q9BQA1</u>
Other Accession	<u>BC001679</u>
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	3F10
Calculated MW	36724

## **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 IHC~~1:100~500 E~~N/A
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.

# Background

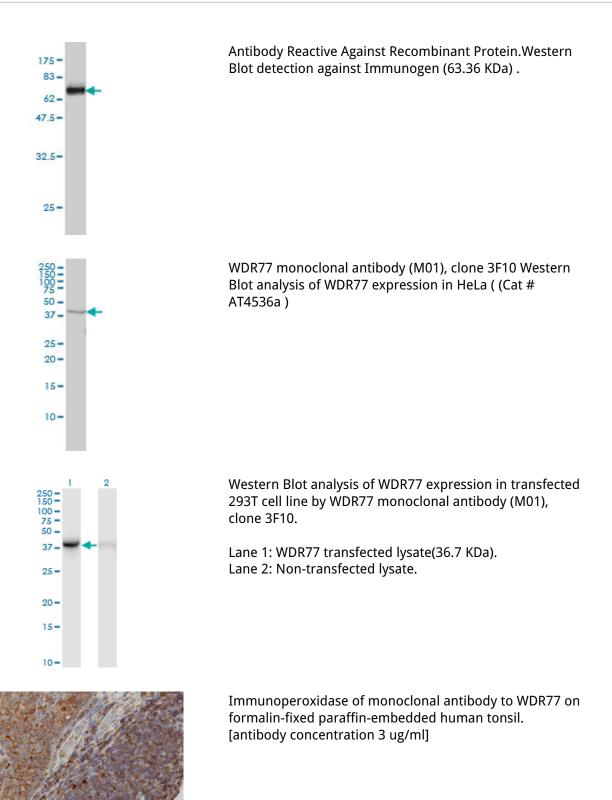
WDR77 is a component of the 20S PRMT5 (MIM 604045)-containing methyltransferase complex, which modifies specific arginines to dimethylarginines in several spliceosomal Sm proteins (see MIM 601061). This modification targets Sm proteins to the survival of motor neurons (SMN) complex (see MIM 600354) for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

## References

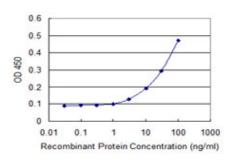
1.PRMT5 Is Upregulated in Malignant and Metastatic Melanoma and Regulates Expression of MITF and p27(Kip1.).Nicholas C, Yang J, Peters SB, Bill MA, Baiocchi RA, Yan F, Sif S, Tae S, Gaudio E, Wu X, Grever MR,

Young GS, Lesinski GBPLoS One. 2013 Sep 30;8(9):e74710. doi: 10.1371/journal.pone.0074710.

#### Images



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



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.