

## Product datasheet for TA347002

### WDR77 Mouse Monoclonal Antibody [Clone ID: 8A10-C10-E8]

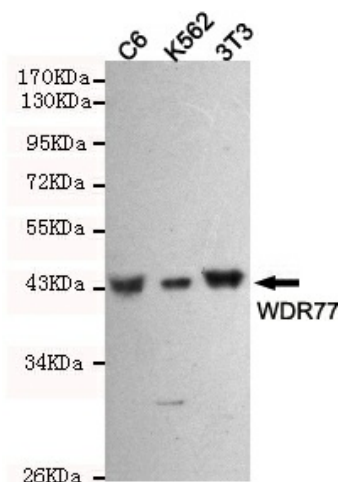
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	8A10-C10-E8
Applications:	IF, WB
Recommend Dilution:	WB: 1:1000, IF: 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	The immunogen for MEP50/WDR77 antibody: purified recombinant human WDR77 protein fragments expressed in E.coli.
Formulation:	Purified mouse monoclonal in PBS(pH 7.4) containing with 0.02% sodium azide and 50% glycerol.
Purification:	Affinity purified
Predicted Protein Size:	42 kDa
Gene Name:	WD repeat domain 77
Database Link:	<a href="#">NP_077007 Entrez Gene 70465 Mouse</a> <a href="#">Entrez Gene 310769 Rat</a> <a href="#">Entrez Gene 79084 Human</a>
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]). [supplied by OMIM, Mar 2008]
Synonyms:	HKMT1069; MEP-50; MEP50; Mep50; Nbla10071; p44
Protein Families:	Stem cell - Pluripotency

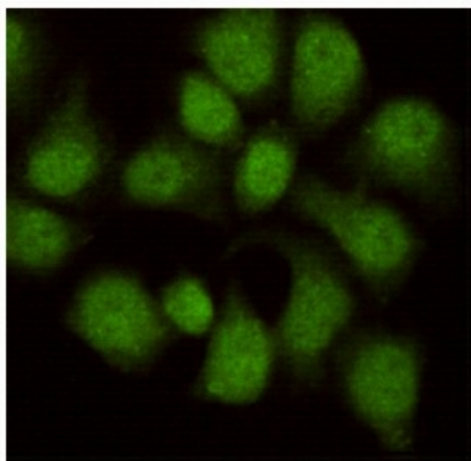


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## Product images:



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



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).