

## Product datasheet for **TA347002S**

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

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	8A10-C10-E8
Applications:	IF, WB
Recommended 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
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	42 kDa
Gene Name:	WD repeat domain 77
Database Link:	<a href="#">NP_077007</a> <a href="#">Entrez Gene 70465 Mouse</a> <a href="#">Entrez Gene 310769 Rat</a> <a href="#">Entrez Gene 79084 Human</a> <a href="#">Q9BQA1</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



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Protein Families: Stem cell - Pluripotency