

Product datasheet for **AM06480SU-N**

WDR5 Mouse Monoclonal Antibody [Clone ID: 7B11]

Product data:

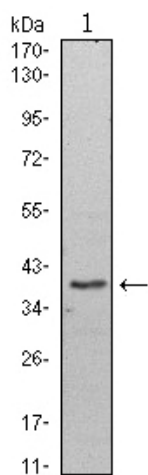
Product Type:	Primary Antibodies
Clone Name:	7B11
Applications:	ELISA, WB
Recommended Dilution:	ELISA: 1/10000. Western Blot: 1/500 - 1/2000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Human WDR5 expressed in E. Coli.
Specificity:	Recognizes WDR5 / BIG3
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	36.6 kDa
Gene Name:	WD repeat domain 5
Database Link:	Entrez Gene 11091 Human P61964
Background:	WD-repeat protein 5 (WDR5, also designated BMP-2-induced gene 3 kb or BIG-3) belongs to the family of WD-40 repeat proteins, and is essential for vertebrate development, Hox gene activation and global H3K4 trimethylation. WDR5 is a conserved subunit of Trithorax (TRX) histone methyltransferase complexes that selectively binds to dimethylated Lys4 (K4me2) in Histone H3 to promote K4 trimethylation by TRX. It is expressed in osteoblasts, chondrocytes, osteocytes and marrow stromal cells. The WDR5 protein contains 7 WD-repeats, which may play a role in its function of accelerating osteoblast differentiation.



[View online »](#)

Synonyms: BIG-3

Product images:



Western blot analysis using WDR5 mouse mAb AM06480SU-N against HeLa (1) cell lysate.