

## Product datasheet for **AM20866PU-N**

### **RUNX2 (251-351) Mouse Monoclonal Antibody [Clone ID: 3F5]**

#### **Product data:**

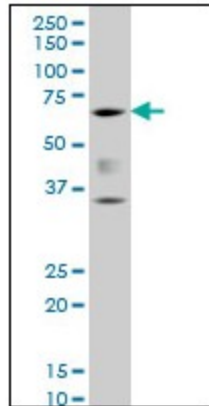
Product Type:	Primary Antibodies
Clone Name:	3F5
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	<b>ELISA.</b> <b>Immunofluorescence:</b> 10 µg/ml. <b>Immunohistochemistry on Paraffin Sections:</b> 5 µg/ml. <b>Western Blot:</b> 1/500 - 1/1000.
Reactivity:	Human, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant protein, RUNX2 (NP_004339, 251 a.a. ~ 351 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Specificity:	This antibody reacts to Runt-related Transcription Factor 2 (RUNX2).
Formulation:	PBS, pH 7.4 State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	runt related transcription factor 2
Database Link:	<a href="#">Entrez Gene 367218 Rat</a> <a href="#">Entrez Gene 860 Human Q13950</a>
Synonyms:	Runt-related transcription factor 2, Acute myeloid leukemia 3 protein, AML3, AML-3, CBFA1, OSF2, OSF-2, PEBP2A, PEA2-alpha A, PEBP2-alpha A



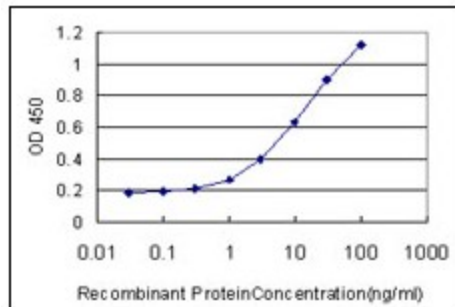
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Protein Families: Druggable Genome, Transcription Factors

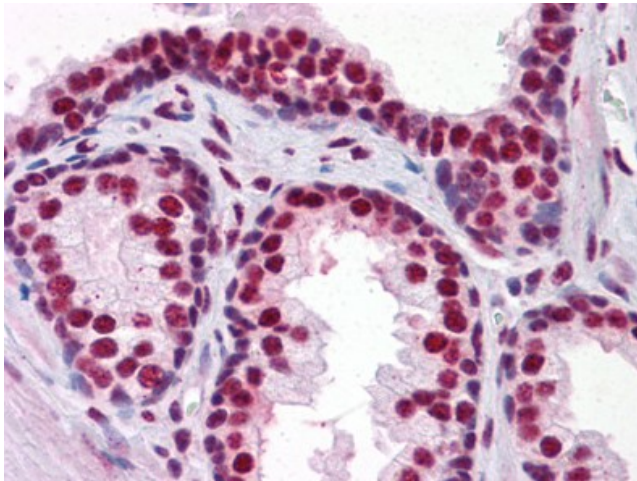
**Product images:**



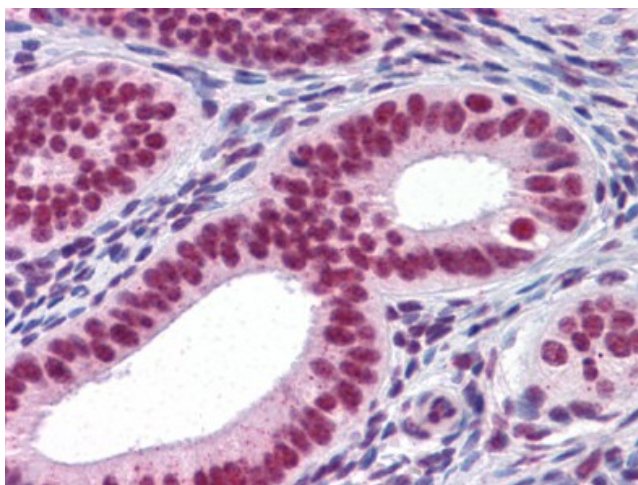
RUNX2 monoclonal antibody, clone 3F5 Western Blot analysis of RUNX2 expression in PC-12.



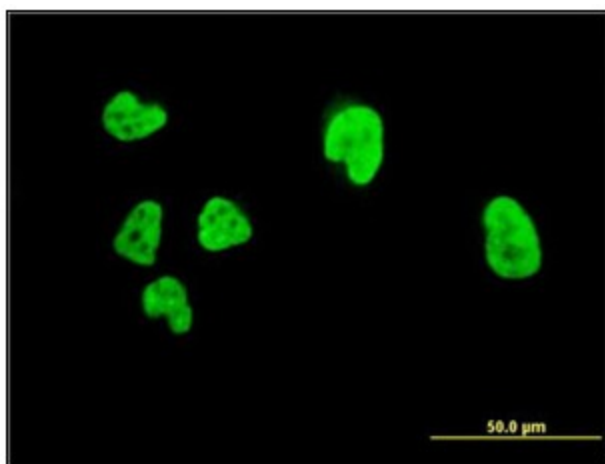
Detection limit for recombinant GST tagged RUNX2 is approximately 0.1 ng/ml as a capture antibody.



Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Uterus: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunofluorescence of monoclonal antibody to RUNX2 on HeLa cell (antibody concentration 10 ug/ml).