

Product datasheet for **AM32013PU-N**

RRP4 (EXOSC2) Mouse Monoclonal Antibody [Clone ID: 15B3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	15B3
Applications:	ELISA
Recommended Dilution:	ELISA.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant GST-hRRP4 (NCBI accession number NM_014285 REGION 3-884, expression vector pGEX-4T3), expressed in E.coli.
Specificity:	Specificity has been tested in ELISA. Additional tests for cross reactivity have not yet been performed.
Formulation:	10 mM Ammonium Bicarbonate buffer State: Purified State: Lyophilized purified Ig fraction Stabilizer: 2 mg BSA
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: One year from despatch.
Gene Name:	exosome component 2
Database Link:	Entrez Gene 23404 Human Q13868



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Background:

The exosome, present in both the nucleus and cytoplasm of all eukaryotic cells, is a complex of 3'-5' exoribonucleases containing at least nine core components. Recently, it has been demonstrated, mainly by analyses in yeast, that the nuclear exosome is essential for rRNA processing and sn(o)RNA biogenesis. Furthermore, it is involved in the degradation of improperly processed mRNAs. The cytoplasmic exosome participates in normal mRNA turnover and in the degradation of inherently unstable mRNAs that contain AU-rich elements. Therefore, the exosome plays a key role in RNA metabolism.

Synonyms:

Exosome component 2