



Anti-EMG1 monoclonal antibody (DCABH-11404)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	EMG1 plays a role in the processing of the pre-18S rRNA and small ribosomal subunit assembly (Liu and Thiele, 2001 [PubMed 11694595]) and may play a role in methylation during ribosome biogenesis (Eschrich et al., 2002 [PubMed 11935223]).
Immunogen	A synthetic peptide of human EMG1 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	EMG1 EMG1 nucleolar protein homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	EMG1

Synonyms	EMG1; EMG1 nucleolar protein homolog (S. cerevisiae); ribosomal RNA small subunit methyltransferase NEP1; C2F; Grcc2f; NEP1; essential for mitotic growth 1; ribosome biogenesis protein NEP1; 18S rRNA Psi1248 methyltransferase; 18S rRNA (pseudouridine-N1-)-methyltransferase NEP1; FLJ60792;
Entrez Gene ID	10436
Protein Refseq	NP_006322
UniProt ID	Q92979
Chromosome Location	12p13
Pathway	Ribosome biogenesis in eukaryotes, organism-specific biosystem; Ribosome biogenesis in eukaryotes, conserved biosystem;
Function	RNA binding; methyltransferase activity; rRNA (pseudouridine) methyltransferase activity; rRNA binding; transferase activity;