DAP3 mouse mAb

Catalog No	YP-mAb-17683
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	DAP3
Immunogen	Fusion protein of human DAP3 Purification Affinity Purified Conjugation Unconjugated Modification Unmodified Form Liquid
Specificity	
Formulation	
Source	
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MRPS29;MRP S29;Death-associated protein 3;DAP-3;DAP 3;GFAP;FLJ45472;cb345;ALXDRD;DAP3;death associated protein 3;S29mt;MRP-S29;bMRP-10
Observed Band	Calculated MW: 46 kDa; Observed MW: 46 kDa
Calculated Molecular Weight	Calculated MW: 46 kDa; Observed MW: 46 kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 28S subunit protein

	that also participates in apoptotic pathways which are initiated by tumor necrosis factor-alpha, Fas ligand, and gamma interferon. This protein potentially binds ATP/GTP and might be a functional partner of the mitoribosomal protein S27. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. Pseudogenes corresponding to this gene are found on chromosomes 1q and 2q.
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images