

PDIA6 Recombinant Mouse mAb

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Catalog # AP94321

Product Information

Application	WB
Reactivity	Human
Host	Mouse
Clonality	Recombinant
Physical State	Liquid
Isotype	IgG1, Kappa
Purity	affinity purified by Protein G
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Endoplasmic reticulum.
SIMILARITY	Belongs to the protein disulfide isomerase family. Contains 2 thioredoxin domains.
SUBUNIT	Part of a large chaperone multiprotein complex comprising DNAJB11, HSP90B1, HSPA5, HYOU, PDIA2, PDIA4, PDIA6, PPIB, SDF2L1, UGT1A1 and very small amounts of ERP29, but not, or at very low levels, CALR nor CANX. Interacts with MICA on the surface of tumor cells, leading to MICA disulfide bond reduction which is required for its release from tumor cells. Interacts with ITGB3 following platelet stimulation.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Protein disulfide isomerase (PDIA6) is an enzyme belonging to the protein disulfide isomerase family. Structurally, it contains 2 thioredoxin domains and its function is to catalyze the rearrangement of -S-S- bonds in proteins.

Additional Information

Target/Specificity	Expressed in platelets (at protein level).
Dilution	WB=1:500-2000, ICC/IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.