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# PDIA6 Recombinant Mouse mAb

PDIA6 Recombinant Mouse mAb
Catalog # AP94321

## Product Information

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|---|---|
| **Application** | WB, IF, ICC |
| **Host** | Rabbit |
| **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) ia 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

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| **Target/Specificity** | Expressed in platelets (at protein level). |
| **Dilution** | WB=1:500-1:2000,ICC/IF=1:50 |
| **Format** | 0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce |
| **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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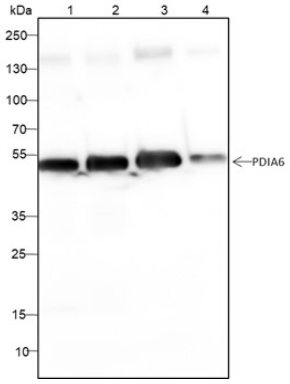
## Images




Blocking buffer: 5% NFDM/TBST Primary ab dilution: 1:2000 Primary ab incubation condition: 4°C overnight Secondary ab: Goat Anti-Mouse IgG H&L (HRP) Lysate:1: HeLa, 2: HepG2, 3:HEK-293, 4:EL4.IL-2 Protein loading quantity: 20 μg Exposure time: 30s Predicted MW: 54 kDa Observed MW: 54 kDa