PDIR Recombinant antibody, PBS Only

Catalog Number:**85599-4-PBS**

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Basic Information

Catalog Number:
85599-4-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG31479

GenBank Accession Number:
BC001625

GeneID (NCBI):
10954

UNIPROT ID:
Q14554

Full Name:
protein disulfide isomerase family A, member 5

Calculated MW:
60 kDa

Observed MW:
60 kDa

Purification Method:
Protein A purification

CloneNo.:
242971D11

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse

Background Information

PDIR(Protein disulfide isomerase-related protein), also known as PDIA5 (Protein Disulfide Isomerase Family A Member 5), is a member of the PDI gene family and also exhibits chaperone-like activity. PDIR protein is correlated with immune infiltration, which is highly expressed in glioma and participates in glioma progression(PMID: 33664747). PDIR contributes to disulfide bond rearrangement in ATF6α under stress conditions that necessary for ATF6α activation upon ER stress(PMID: 24636989).
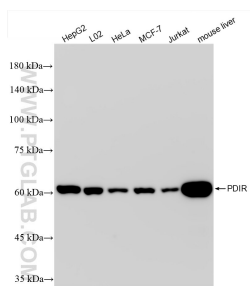
Storage

Storage:
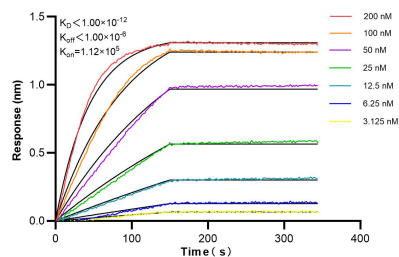Store at -80℃.
Storage Buffer:
PBS only, pH7.3

Various lysates were subjected to SDS PAGE followed by western blot with 85599-4-RR (PDIA5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85599-4-PBS in a different storage buffer formulation.

Biolayer interferometry (BLI) kinetic assays of 85599-4-RR against Human PDIR were performed. The affinity constant is below 1 pM.