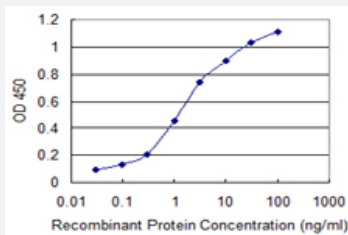


PXDN monoclonal antibody (M03), clone 2C11

Catalog # H00007837-M03

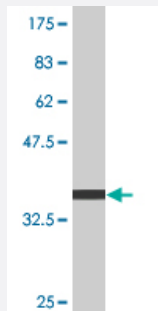
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PXDN is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PXDN.
Immunogen	PXDN (XP_056455, 1452 a.a. ~ 1561 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	STSAFSTRSDASGTNDFREFVLEMQKTITDLRTQIKKLESRLSTTECV DAGGESHANNTKWKKDA CTICECKDGQVTCFVEACPPATCAVPVNIPGACCPVCLQKRAEEK
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa

Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PXDN is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PXDN

Entrez GeneID	7837
GeneBank Accession#	XM_056455
Protein Accession#	XP_056455
Gene Name	PXDN
Gene Alias	D2S448, D2S448E, KIAA0230, MG50, PRG2, PXN, VPO
Gene Description	peroxidasin homolog (Drosophila)
Omim ID	605158
Gene Ontology	Hyperlink

Gene Summary

Drosophila peroxidasin is an extracellular matrix-associated peroxidase (Horikoshi et al., 1999 [PubMed 10441517]). It is expressed exclusively in hemocytes derived from head mesoderm at a very early stage of differentiation. Peroxidasin exists as a homotrimer with a unique hybrid structure that combines an enzymatically functional peroxidase domain with motifs that are typically found in extracellular matrix-associated proteins. It is a secreted protein that contains a secretory recognition sequence at its N terminus. Peroxidasin catalyzes hydrogen peroxide-driven radioiodination, oxidations, and the formation of dityrosine in vitro. It is also thought to function in extracellular matrix consolidation, phagocytosis, and defense.[supplied by OMIM]

Other Designations

p53-responsive gene 2|peroxidasin homolog

Disease

- [Cerebral Hemorrhage](#)
- [Chronic Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Kidney Diseases](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Tobacco Use Disorder](#)