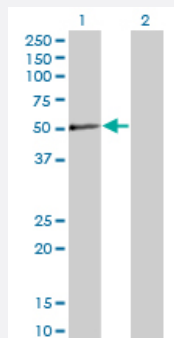


P XK monoclonal antibody (M04), clone 4D11

Catalog # H00054899-M04

Size 100 ug

Applications

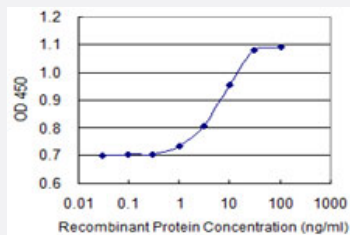


Western Blot (Transfected lysate)

Western Blot analysis of P XK expression in transfected 293T cell line by P XK monoclonal antibody (M04), clone 4D11.

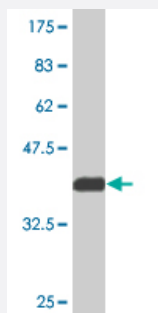
Lane 1: P XK transfected lysate (51.8 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged P XK is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant P XK.

Immunogen	PXK (AAH14479.1, 351 a.a. ~ 450 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PDSVPVDSFPPAPSMVAVVLESTLSCEACKNGMPTISRLLQMPLFSDVLLTSEKPQFKIPTKL KEALRIAKECIEKRLIEEQKQIHQHRRLTRAQSHH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (95)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (Transfected lysate)

Western Blot analysis of PXK expression in transfected 293T cell line by PXK monoclonal antibody (M04), clone 4D11.

Lane 1: PXK transfected lysate(51.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PXK is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PXK

Entrez GeneID	54899
GeneBank Accession#	BC014479
Protein Accession#	AAH14479.1
Gene Name	PXK
Gene Alias	FLJ20335, MONaKA
Gene Description	PX domain containing serine/threonine kinase
Omim ID	611450
Gene Ontology	Hyperlink
Gene Summary	PXK binds to the Na,K-ATPase beta-1 (ATP1B1; MIM 182330) and beta-3 (ATP1B3; MIM 601867) subunits and modulates both Na,K-ATPase enzymatic and ion pump activities (Mao et al., 2005 [PubMed 16135750]).[supplied by OMIM]
Other Designations	PX ser/thr kinase v2 PX serine/threonine kinase modulator of Na,K-ATPase long form

Disease

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Tobacco Use Disorder](#)