

PRRX1 mouse monoclonal antibody (hybridoma)

Catalog # H00005396-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant PRRX1.
Immunogen	PRRX1 (NP_008833.1, 1 a.a. ~ 217 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MTSSYGHVLERQPALGGRLDSPGNLDTLQAKKNFSVSHLLDLEEAGDMVAAQADENVGEAGRS LLESPGLTSGSDTPQQDNDQLNSEEKKRKQRRNRRTTFNSSLQALERVFERTHYPDAFVREDL ARRVNLTEARVQVWFQNRRAKFRNRERAMLANKNASLLKSYSGDVTAVEQPVPRPAPRPTDYL SWGTAAPYRSSSLPRCCLHEGLHNGF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PRRX1

Entrez GeneID [5396](#)

GeneBank Accession# [NM_006902.3](#)

Protein Accession# [NP_008833.1](#)

Gene Name PRRX1

Gene Alias PHOX1, PMX1, PRX1

Gene Description paired related homeobox 1

Omim ID [167420](#)

Gene Ontology [Hyperlink](#)

Gene Summary The DNA-associated protein encoded by this gene is a member of the paired family of homeobox proteins localized to the nucleus. The protein functions as a transcription co-activator, enhancing the DNA-binding activity of serum response factor, a protein required for the induction of genes by growth and differentiation factors. The protein regulates muscle creatine kinase, indicating a role in the establishment of diverse mesodermal muscle types. Alternative splicing yields two isoforms that differ in abundance and expression patterns. [provided by RefSeq]

Other Designations OTTHUMP00000033166|OTTHUMP00000033167|homeobox protein PHOX1|paired mesoderm homeobox 1|paired mesoderm homeobox 1|paired mesoderm homeobox 1 isoform pmx-1b

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Tooth Abnormalities](#)