

PRKY mouse monoclonal antibody (hybridoma)

Catalog # H00005616-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant PRKY.
Immunogen	PRKY (NP_002751.1, 1 a.a. ~ 277 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEAPGPAQAAAAESNSREVTEDAADWAPALCPSPEARSPEAPAYRLQDCDALVTMGTFGR VHLVKEKTAKHFFALKVMSIPDVIRRKQEQHVHNEKSVLKEVSHPFILRLFWTWHEERFLYMLMEY VPGGELFSYLRNRGHFSSTTGLFYSAEIIAIEYLHSEKENVYRDLKPENILLDRDGHILKLTDFGFAKKL VDRTWTLCGTPEYLAPEVIQSKGHGRAVDWWALGILIFEMLSGFPPFFDDNPFQYQKILAGKLYF PRHLDFHVKTGRMM
Host	Mouse
Reactivity	Human
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 — PRKY

Entrez GeneID [5616](#)

GeneBank Accession# [NM_002760.3](#)

Protein Accession# [NP_002751.1](#)

Gene Name PRKY

Gene Alias -

Gene Description protein kinase, Y-linked

Omim ID [400008](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is similar to the protein kinase, X-linked gene in the pseudoautosomal region of the X chromosome. The gene is classified as a transcribed pseudogene because it has lost a coding exon that results in all transcripts being candidates for nonsense-mediated decay (NMD) and unlikely to express a protein. Abnormal recombination between this gene and a related gene on chromosome X is a frequent cause of XX males and XY females. [provided by RefSeq]

Other Designations OTTHUMP00000033227

Pathway

- [Apoptosis](#)
- [Calcium signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Gap junction](#)
- [GnRH signaling pathway](#)
- [Hedgehog signaling pathway](#)
- [Insulin signaling pathway](#)
- [Long-term potentiation](#)
- [MAPK signaling pathway](#)
- [Melanogenesis](#)
- [Olfactory transduction](#)

- [Prion diseases](#)
- [Taste transduction](#)
- [Vascular smooth muscle contraction](#)
- [Vibrio cholerae infection](#)
- [Wnt signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)