

POU1F1 mouse monoclonal antibody (hybridoma)

Catalog # H00005449-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant POU1F1.
Immunogen	POU1F1 (NP_000297.1, 1 a.a. ~ 291 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSCQAFTSADTFIPLNSDASATLPLIMHHSAAECLPVSNHATNVMSTATGLHYSVPSCHYGNQPS TYGVMAGSLTPCLYKFPDHTLSHGFPPIHQPLLAEDPTAADFKQELRRKSKLVEEPIDMDSPEIRE LEKFANEFKVRRIKLGYTQTNVGEALAAVHGSEFSQTTICRFENLQLSFKNACKLKAILSKWLEEA EQVGALYNEKVGANERKRKRRTTISIAAKDALERHFGEQNKPSQEI MRMAEELNLEKEVVRVWF CNRRQREKRVKTSLNQSLFSISKEHLECR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (96)
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 — POU1F1

Entrez GeneID	5449
GeneBank Accession#	NM_000306.1
Protein Accession#	NP_000297.1
Gene Name	POU1F1
Gene Alias	GHF-1, PIT1, Pit-1
Gene Description	POU class 1 homeobox 1
Omim ID	173110
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the POU family of transcription factors that regulate mammalian development. The protein regulates expression of several genes involved in pituitary development and hormone expression. Mutations in this genes result in combined pituitary hormone deficiency. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	POU domain, class 1, transcription factor 1 growth hormone factor 1 pituitary specific transcription factor 1 pituitary-specific transcription factor 1

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)

- [Hypopituitarism](#)
- [Mental Retardation](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Thyroid Diseases](#)
- [Tobacco Use Disorder](#)