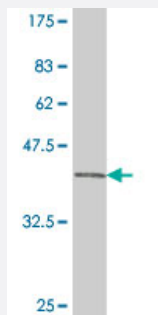


PAX3 monoclonal antibody (M06), clone 3A8

Catalog # H00005077-M06

Size 100 ug

Applications



Western Blot detection against Immunogen (37.88 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant PAX3.
Immunogen	PAX3 (NP_852122, 307 a.a. ~ 414 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LSETSYQPTSIPQAVSDPSSTVHRPQLPPSTVHQSTIPSNPDSSSAYCLPSTRHGFSSYTDSFVP PSGPSNPMNPTIGNGLSPQVMGLLTNHGGVPHQPQTDYALSP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (98)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.88 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](#)

- ELISA

Gene Info — PAX3

Entrez GeneID	5077
GeneBank Accession#	NM_181457
Protein Accession#	NP_852122
Gene Name	PAX3
Gene Alias	CDHS, HUP2, MGC120381, MGC120382, MGC120383, MGC120384, MGC134778, WS1
Gene Description	paired box 3
Omim ID	122880 148820 193500 268220 606597
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the paired box (PAX) family of transcription factors. Members of the PAX family typically contain a paired box domain and a paired-type homeodomain. These genes play critical roles during fetal development. Mutations in paired box gene 3 are associated with Waardenburg syndrome, craniofacial-deafness-hand syndrome, and alveolar rhabdomyosarcoma. The translocation t(2;13)(q35;q14), which represents a fusion between PAX3 and the forkhead gene, is a frequent finding in alveolar rhabdomyosarcoma. Alternative splicing results in transcripts encoding isoforms with different C-termini. [provided by RefSeq]
Other Designations	paired box homeotic gene 3 paired domain gene 3 paired domain gene HuP2

Disease

- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)

- [Diabetes Mellitus](#)
- [Edema](#)
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- [Malignant melanoma](#)
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- [Skin Neoplasms](#)
- [Spinal Dysraphism](#)
- [Waardenburg syndrome](#)