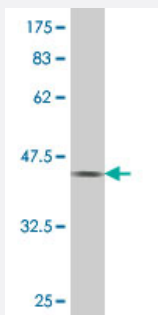


PAX7 monoclonal antibody (M15), clone 4F5

Catalog # H00005081-M15

Size 100 ug

Applications



Western Blot detection against Immunogen (34.87 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant PAX7.
Immunogen	PAX7 (NP_001128726.1, 351 a.a. ~ 434 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	AYGARHSFSSYSDSFMNPAAPSNHMPVSNGLSPQVMSILGNPSAVPPQPQADFSISPLHGGLD SATSISASCSQRADSIKPGD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.87 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 — PAX7

Entrez GeneID [5081](#)

GeneBank Accession# [NM_002584](#)

Protein Accession# [NP_001128726.1](#)

Gene Name PAX7

Gene Alias HUP1, PAX7B

Gene Description paired box 7

Omim ID [167410 268220](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the paired box (PAX) family of transcription factors. Members of this gene family typically contain a paired box domain, an octapeptide, and a paired-type homeodomain. These genes play critical roles during fetal development and cancer growth. The specific function of the paired box 7 gene is unknown but speculated to involve tumor suppression since fusion of this gene with a forkhead domain family member has been associated with alveolar rhabdomyosarcoma. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000002534|PAX7 transcriptional factor|paired box gene 7|paired box homeotic gene 7|paired domain gene 7

Disease

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

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)