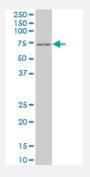


PAX7 monoclonal antibody (M07), clone 1G11

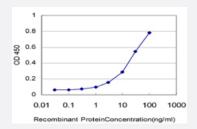
Catalog # H00005081-M07 Size 100 ug

Applications



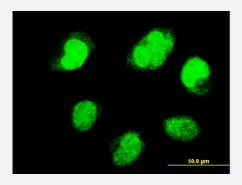
Western Blot (Cell lysate)

PAX7 monoclonal antibody (M07), clone 1G11 Western Blot analysis of PAX7 expression in Hela S3 NE (Cat # L013V3).



Sandwich ELISA (Recombinant protein)

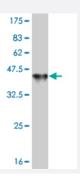
Detection limit for recombinant GST tagged PAX7 is approximately 1ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to PAX7 on HeLa cell. [antibody concentration 10 ug/ml]





Western Blot detection against Immunogen (37.84 KDa).

Specification	
Product Description	Mouse monoclonal antibody raised against a partial recombinant PAX7.
Immunogen	PAX7 (NP_002575.1, 411 a.a. ~ 520 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GGLDSATSISASCSQRADSIKPGDSLPTSQAYCPPTYSTTGYSVDPVAGYQYGQYGQSECLVPW ASPVPIPSPTPRASCLFMESYKVVSGWGMSISQMEKLKSSQMEQFT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (93)
Isotype	lgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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 (Cell lysate)

PAX7 monoclonal antibody (M07), clone 1G11 Western Blot analysis of PAX7 expression in Hela S3 NE (Cat # L013V3).

Protocol Download



Western Blot (Recombinant protein)

Protocol Download

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PAX7 is approximately 1ng/ml as a capture antibody.

Protocol Download

- ELISA
- Immunofluorescence

Immunofluorescence of monoclonal antibody to PAX7 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — PAX7	
Entrez GenelD	<u>5081</u>
GeneBank Accession#	NM_002584
Protein Accession#	NP_002575.1
Gene Name	PAX7
Gene Alias	HUP1, PAX7B
Gene Description	paired box 7
Omim ID	<u>167410</u> <u>268220</u>
Gene Ontology	<u>Hyperlink</u>
Gene Summary	This gene is a member of the paired box (PAX) family of transcription factors. Members of this ge ne 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 rhabdomyosa rcoma. 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