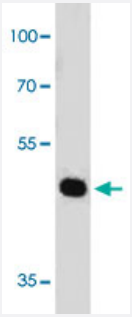
PAX7 monoclonal antibody, clone PAX7/497

Catalog # MAB14860 Size 100 ug

Applications



Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysate with PAX7 monoclonal antibody, clone PAX7/497 (Cat # MAB14860).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human PAX7.
Immunogen	Recombinant protein corresponding to amino acids 301-505 of human PAX7.
Host	Mouse
Theoretical MW (kDa)	57
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10^6 cells) Immunofluorescence (0.5-1 ug/mL) Western Blotting (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.

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Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunofluorescence
- Flow Cytometry
- Western Blot (Cell lysate)

  Western Blot analysis of HeLa cell lysate with PAX7 monoclonal antibody, clone PAX7/497 (Cat # MAB14860).

Gene Info — PAX7

Entrez GeneID	5081
Protein Accession#	P23759
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

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- Cleft Palate
- Genetic Predisposition to Disease
- Narcolepsy

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