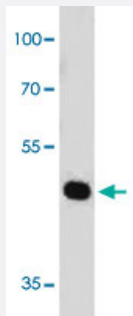


PAX7 monoclonal antibody, clone PAX7/497

Catalog # MAB14859 Size 100 ug

Applications



Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysate with PAX7 monoclonal antibody, clone PAX7/497 (Cat # MAB14859).

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 (0.05% BSA, 0.05% sodium azide).

Storage Instruction

Store at 4°C.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysate with PAX7 monoclonal antibody, clone PAX7/497 (Cat # MAB14859).

- Immunofluorescence

- Flow Cytometry

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