

## Anti-PAX7 Antibody [PAX7/497] - BSA and Azide free (A252749)

### Specifications:

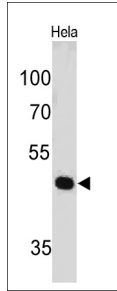
Name:	Anti-PAX7 Antibody [PAX7/497] - BSA and Azide free
Description:	Mouse monoclonal [PAX7/497] antibody to PAX7.
Specificity:	The Pax gene family of nuclear transcription factors is comprised of nine members that function during embryogenesis to regulate the temporal and position-dependent differentiation of cells. In addition, the family is involved in a variety of signal transduction pathways in the adult organism. Mutations in the Pax family of proteins have been linked to disease and cancer in humans. Pax-7 is a protein specifically expressed in cultured satellite cell-derived myoblasts. In situ hybridization reveals that Pax-7 is also expressed in satellite cells residing in adult muscle. A chromosomal aberration in the gene encoding Pax-7 causes rhabdomyosarcoma 2 (RMS2) (also called alveolar rhabdomyosarcoma).
Applications:	IF, Flow Cytometry, WB
Recommended Dilutions:	IF: 1-2 µg/ml, Flow Cytometry: 1-2 µg/million cells, WB: 1-2 µg/ml
Reactivity:	Human, Mouse, Rat, Chicken, Zebrafish
Immunogen:	Recombinant fragment, around amino acids 301-505, of human PAX7 protein. The exact sequence is proprietary.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	PAX7/497
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation with BSA and Sodium Azide - Anti-PAX7 Antibody [PAX7/497] (A249569).

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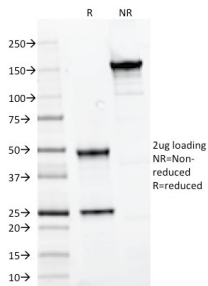
## Specifications continued:

**Disclaimer:** This product is for research use only. It is not intended for diagnostic or therapeutic use.

## Images:



Western blot analysis of HeLa cell lysate using Anti-PAX7 Antibody [PAX7/497].



SDS-PAGE analysis of Anti-PAX7 Antibody [PAX7/497] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.