

36-1530: Monoclonal Antibody to PAX7 (Rhabdomyosarcoma Marker)(Clone : PAX7/497)

Clonality :	Monoclonal
Clone Name :	PAX7/497
Application :	IF,FACS,WB
Reactivity :	Human, Mouse, Rat
Gene :	PAX7
Gene ID :	5081
Uniprot ID :	P23759
Format :	Purified
Alternative Name :	PAX7,HUP1
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Recombinant fragment (aa300-600) of human PAX7 protein

Description

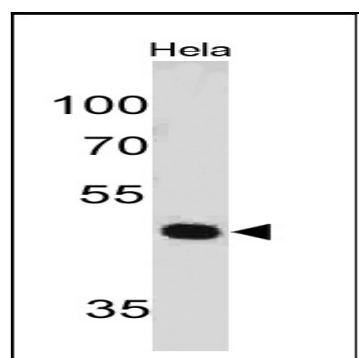
The Pax gene family of nuclear transcription factors is comprised of nine members that function during embryogenesis to regulate the temporal and position-dependent differentiation of cells. In addition, the family is involved in a variety of signal transduction pathways in the adult organism. Mutations 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).

Product Info

Amount :	100 µg
Purification :	Affinity Chromatography
Content :	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Immunofluorescence (1-2ug/ml); Flow Cytometry (1-2ug/million cells); Western Blot (1-2ug/ml);



Western Blot of HeLa Cell Lysate using PAX7 Monoclonal Antibody (PAX7/497).