

ABGENEX Pvt. Ltd., E-5, Infocity, KIIT Post Office, Tel: +91-674-2720712, +91-9437550560 Email: info@abgenex.com

Bhubaneswar, Odisha - 751024, INDIA

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

Clone Name : 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:

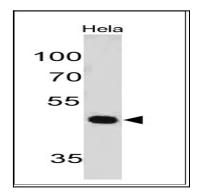
Storage condition:

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).