

PAX7 Rabbit mAb

Catalog No: #49173

Package Size: #49173-1 50ul #49173-2 100ul

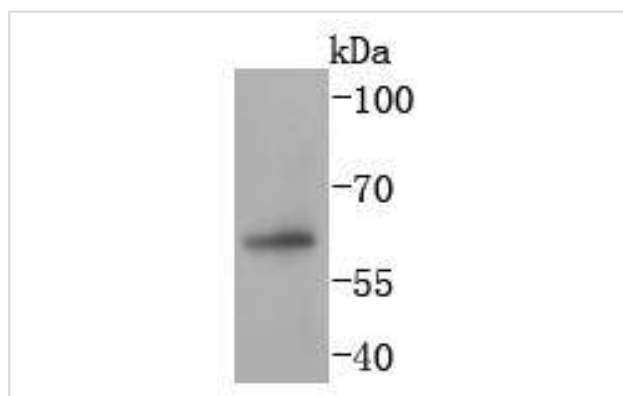
Description

Product Name	PAX7 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	SD083-04
Purification	ProA affinity purified
Applications	WB, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	FLJ37460 antibody HUP1 antibody OTTHUMP00000002534 antibody Paired box 7 antibody Paired box gene 7 antibody Paired box homeotic gene 7 antibody Paired box protein Pax-7 antibody Paired domain gene 7 antibody Paired domain gene HuP1 antibody Pax7 antibody PAX7 transcriptional factor antibody PAX7/FKHR fusion gene, included antibody PAX7_HUMAN antibody PAX7B antibody RGD1564360 antibody RMS2 antibody
Accession No.	Swiss-Prot#:P23759
Calculated MW	57 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

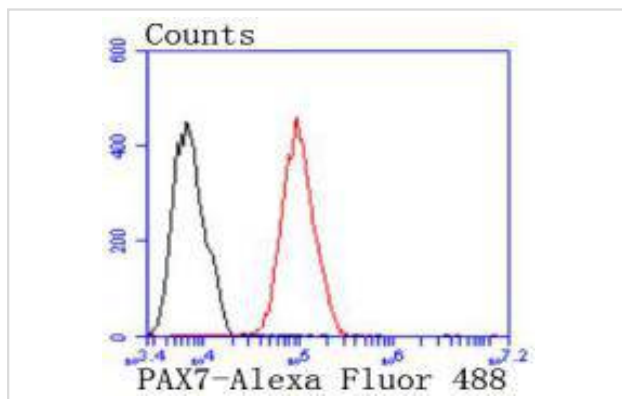
Application Details

WB: 1:1,000FC: 1:50-1:100

Images



Western blot analysis of PAX7 on HeLa cells lysates using anti-PAX7 antibody at 1/1,000 dilution.



Flow cytometric analysis of MCF-7 cells with PAX7 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody

Background

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).

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.