PAX7 Conjugated Antibody

Catalog No: #C49173

Package Size: #C49173-AF350 100ul #C49173-AF405 100ul #C49173-AF488 100ul #C49173-AF555 100ul #C49173-AF594 100ul #C49173-AF647 100ul #C49173-AF680 100ul #C49173-AF750 100ul #C49173-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	PAX7 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
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
Uniprot	P23759
GeneID	5081;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	57 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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).

Note: This product is for in vitro research use only