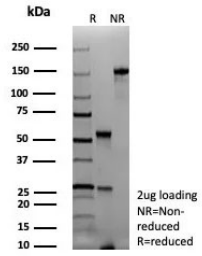
Recombinant PAX7 Antibody [clone rPAX7/9325] (V5518)

Catalog No.	Formulation	Size
V5518-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5518-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5518SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant MOUSE MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG2b, kappa
Clone Name	rPAX7/9325
Purity	Protein A/G affinity
UniProt	P23759
Localization	Nucleus
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This recombinant PAX7 antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free recombinant PAX7 antibody (clone rPAX7/9325) as confirmation of integrity and purity.

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).

For additional information on PAX7 and its use in studying muscle stem and progenitor cell populations, see our PAX7 Antibody page.

Application Notes

Optimal dilution of the recombinant PAX7 antibody should be determined by the researcher.

Immunogen

A recombinant fragment (amino acids 301-505) of human PAX7 protein was used as the immunogen for the recombinant PAX7 antibody.

Storage

Aliquot the recombinant PAX7 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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