

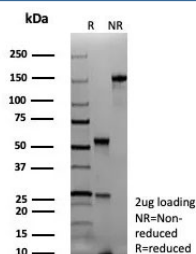
## Recombinant PAX7 Antibody [clone rPAX7/9325] (V5518)

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
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).

## 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.