

For Research Use Only

# PAX7 Monoclonal antibody

Catalog Number: 60236-1-Ig **1 Publications**



## Basic Information

Catalog Number:	60236-1-Ig	GenBank Accession Number:	BC121165	Purification Method:	Protein G purification
Size:	1000 µg/ml	GeneID (NCBI):	5081	CloneNo.:	2D3D1
Source:	Mouse	UNIPROT ID:	P23759		
Isotype:	IgG1	Full Name:	paired box 7		
Immunogen Catalog Number:	AG19171	Calculated MW:	520 aa, 57 kDa		

## Applications

Tested Applications:  
ELISA

Cited Applications:  
IF

Species Specificity:  
human

Cited Species:  
mouse

## Background Information

PAX7 belongs to the paired box protein family of transcription factors. It is an important regulator of neural and skeletal muscle development. Recent research indicates an essential function of Pax7 for renewal and maintenance of muscle stem cells. A chromosomal aberration involving PAX7 is a cause of rhabdomyosarcoma 2 (RMS2) which also known as alveolar rhabdomyosarcoma.

## Notable Publications

Author	Pubmed ID	Journal	Application
Mark Pines	28082118	Am J Pathol	IF

## Storage

Storage:  
Store at -20°C. Stable for one year after shipment.

Storage Buffer:  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

