

For Research Use Only

# PAX7 Monoclonal antibody, PBS Only (Detector)

Catalog Number: 60236-1-PBS



## Basic Information

<b>Catalog Number:</b> 60236-1-PBS	<b>GenBank Accession Number:</b> BC121165	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5081	<b>CloneNo.:</b> 2D3D1
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P23759	
<b>Isotype:</b> IgG1	<b>Full Name:</b> paired box 7	
<b>Immunogen Catalog Number:</b> AG19171	<b>Calculated MW:</b> 520 aa, 57 kDa	

## Applications

**Tested Applications:**  
Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human

## Product Information

60236-1-PBS targets PAX7 as part of a matched antibody pair:

MP51040-1: 60236-2-PBS capture and 60236-1-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## 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.

## Storage

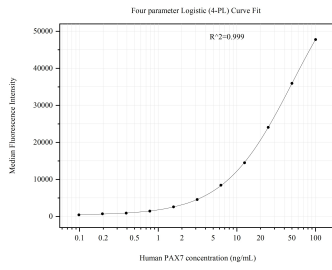
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



Cytometric bead array standard curve of MP51040-1, PAX7 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60236-2-PBS. Detection antibody: 60236-1-PBS. Standard:Ag19171. Range: 0.098-100 ng/mL.