



# PAX7 Monoclonal Antibody

Catalog No	BYmab-06824
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	PAX7 HUP1
Protein Name	Paired box protein Pax-7 (HuP1)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PAX7 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	57kD
Cell Pathway	Nucleus .
Tissue Specificity	
Function	disease:A chromosomal aberration involving PAX7 is a cause of rhabdomyosarcoma 2 (RMS2) [MIM:268220]; also known as alveolar rhabdomyosarcoma. Translocation t(1;13)(p36;q14) with FOXO1. The resulting protein is a transcriptional activator.,function:Probable transcription factor. May have a role in myogenesis.,similarity:Belongs to the paired homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 1 paired domain.,subunit:Can bind to DNA as a heterodimer with PAX3. Interacts with DAXX.,
Background	This gene is a member of the paired box (PAX) family of transcription factors. Members of this gene family typically contain a paired box domain, an octapeptide, and a paired-type homeodomain. These genes play critical roles

Nanjing BYabscience technology Co.,Ltd



during fetal development and cancer growth. The specific function of the paired box 7 gene is unknown but speculated to involve tumor suppression since fusion of this gene with a forkhead domain family member has been associated with alveolar rhabdomyosarcoma. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2008],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images