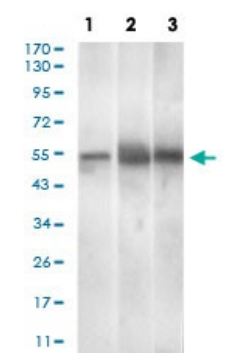
PAX3 monoclonal antibody, clone 7D8G7

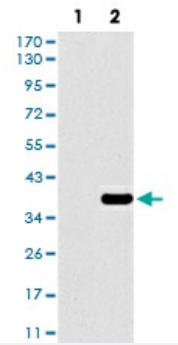
Catalog # MAB17812 Size 100 ug

Applications



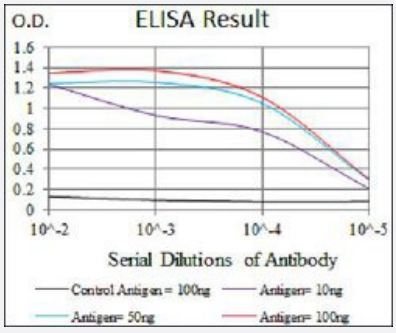
Western Blot (Cell lysate)

Western blot analysis of (1) Mouse brain cell, (2) Rat spleen cell, (3) Mouse liver cell with PAX3 monoclonal antibody.



Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) PAX3-hIgGFc transfected HEK293 cell lysate with PAX3 monoclonal antibody.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of PAX3 monoclonal antibody, clone 7D8G7.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human PAX3.

Immunogen	Recombinant protein corresponding to amino acids 142-203 of human PAX3 from *E. coli*.
Host	Mouse
Theoretical MW (kDa)	53
Reactivity	Human, Mouse
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry Immunocytochemistry Immunohistochemistry Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of (1) Mouse brain cell, (2) Rat spleen cell, (3) Mouse liver cell with PAX3 monoclonal antibody.

- Western Blot (Transfected lysate)

  Western blot analysis of (1) HEK293 cells, (2) PAX3-hIgGFc transfected HEK293 cell lysate with PAX3 monoclonal antibody.

- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis of PAX3 monoclonal antibody, clone 7D8G7.

Gene Info — PAX3

Entrez GeneID	5077
Gene Name	PAX3
Gene Alias	CDHS, HUP2, MGC120381, MGC120382, MGC120383, MGC120384, MGC134778, WS1

Gene Description	paired box 3
Omim ID	122880 148820 193500 268220 606597
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the paired box (PAX) family of transcription factors. Members of the PA X family typically contain a paired box domain and a paired-type homeodomain. These genes pla y critical roles during fetal development. Mutations in paired box gene 3 are associated with Waar denburg syndrome, craniofacial-deafness-hand syndrome, and alveolar rhabdomyosarcoma. The translocation t(2;13)(q35;q14), which represents a fusion between PAX3 and the forkhead gene, i s a frequent finding in alveolar rhabdomyosarcoma. Alternative splicing results in transcripts enco ding isoforms with different C-termini. [provided by RefSeq
Other Designations	paired box homeotic gene 3|paired domain gene 3|paired domain gene HuP2

Disease

- Cardiovascular Diseases
- Cleft Lip
- Cleft Palate
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Malignant melanoma
- Melanoma
- Retinal Diseases
- Skin Neoplasms
- Spinal Dysraphism
- Waardenburg syndrome