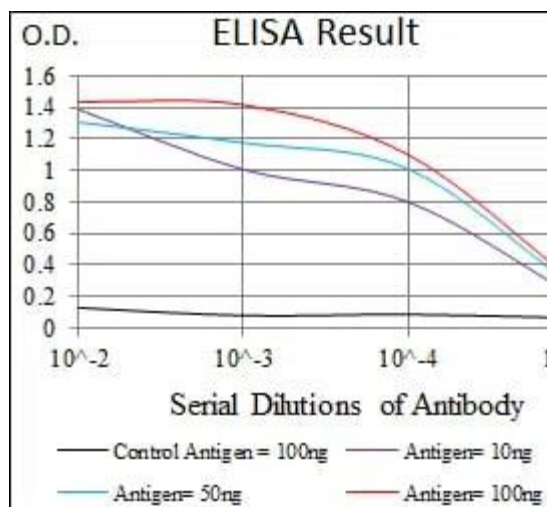
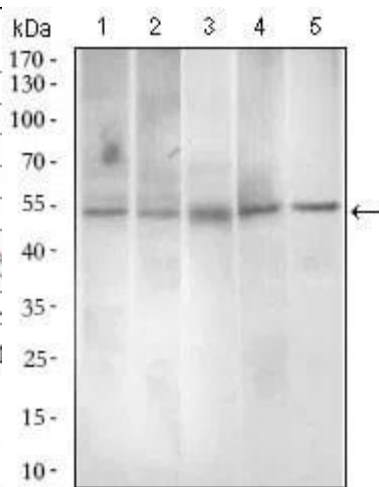


Product name:	PAX3 Mouse Monoclonal Antibody
Cat number:	MABN83076
Conjugate:	Unconjugated
Size:	100ul
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Mouse
Isotype:	Mouse IgG1
Immunogen:	Purified recombinant fragment of human PAX3 (AA: 142-203) expressed in E. Coli.
Reactivity:	Human,Mouse
Applications:	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight:	53kDa
Purification:	Affinity purification
Form:	liquid
Buffer:	PBS containing 0.03% sodium azide.
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Background:	This gene is a member of the paired box (PAX) family of transcription factors. Members of the PAX family typically contain a paired box domain and a paired-type homeodomain. These genes play critical roles during fetal development. Mutations in paired box gene 3 are associated with Waardenburg 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, is a frequent finding in alveolar rhabdomyosarcoma. Alternative splicing results in transcripts encoding isoforms with different C-termini.



Black line: Control Antigen (100 ng);
Purple line: Antigen(10ng);
Blue line: Antigen (50 ng);
Red line: Antigen (100 ng);



Western blot analysis using PAX3 mouse mAb against A549 (1), A431 (2), Jurkat (3), Rat spleen (4) and Mouse liver (5) cell lysate.