

Mouse Monoclonal Antibody to PAX3

Catalogue Number	sAP-1005
Target Molecule	Name: PAX3 Aliases: WS1; WS3; CDHS; HUP2 MW: 53kDa
Description	Entrez Gene ID: 5077 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. ; ;
Immunogen	Purified recombinant fragment of human PAX3 (AA: 142-203) expressed in E. Coli.
Reactive Species	Human; Mouse;
Clone	MM7D8G7;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Cell Death Differ. 2012 Apr;19(4):616-22. ; 2. Biochem Biophys Res Commun. 2011 Aug 12;411(4):832-7. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**