

Mouse Monoclonal Antibody to MITF

Catalogue Number	sAP-1463
Target Molecule	Name: MITF Aliases: AS; HLAB; Bw-47; Bw-50; SPDA1; B-4901; B-5001; HLA-Cw; MW: 40.5kDa Entrez Gene ID: 3106
Description	This gene encodes a transcription factor that contains both basic helix-loop-helix and leucine zipper structural features. It regulates the differentiation and development of melanocytes retinal pigment epithelium and is also responsible for pigment cell-specific transcription of the melanogenesis enzyme genes. Heterozygous mutations in the this gene cause auditory-pigmentary syndromes, such as Waardenburg syndrome type 2 and Tietz syndrome. Alternatively spliced transcript variants encoding different isoforms have been identified.;
Immunogen	Purified recombinant fragment of human MITF (AA: 1-114) expressed in E. Coli.
Reactive Species	Human;
Clone	MM3A2E2;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, 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; IHC: ; ICC: ; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Cell Mol Life Sci. 2015 Apr;72(7):1249-60.; 2. Int J Clin Exp Pathol. 2013 Jul 15;6(8):1658-64.;

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**