

Anti-MiTF Rabbit mAb

Purified Rabbit Monoclonal Antibody

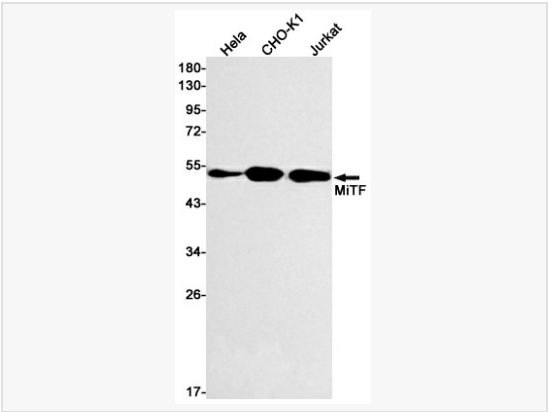
Catalog # R013119

Product Information

Application	WB, ELISA
Reactivity	Human, Hamster
Dilution	WB 1:500~1:1,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	53K81L07
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human MiTF
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-MiTF antibody [53K81L07] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	MITF, BHLHE32, Microphthalmia-associated transcription factor, Class E basic helix-loop-helix protein 32, bHLHe32.
Calculated MW	Calculated MW: 59 kDa; Observed MW: 52 kDa
Uniprot ID	O75030
Gene ID	4286
Background	Microphthalmia-associated transcription factor (MITF) is a basic helix-loop-helix leucine zipper transcription factor that is most widely known for its roles in melanocyte, ophthalmic, and osteoclast development. Plays a critical role in the differentiation of various cell types as neural crest-derived melanocytes, mast cells, osteoclasts and optic cup-derived retinal pigment epithelium.



Western blot analysis of MITF in HeLa, CHO-K1, Jurkat lysates using MITF antibody.