

Anti-Melanophilin-Mouse antibody (C-Term) (STJ70181)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB/ICC/IF/GST-pulldown
Host / Source	Goat
Reactivity	Mouse/Rat

PRODUCT PROPERTIES

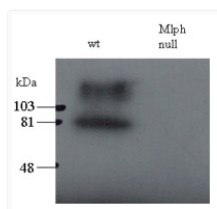
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:32000. WB: Approx 80 kDa band observed in Mouse Melanocyte extracts. Recommended for use at 0.5-2ug/ml. Please note that this product may require overnight incubation of primary and high protein
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

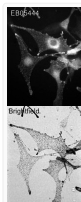
Immunogen Region	C-Term
Immunogen Sequence	ARHIFAKPVMAQQP

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



STJ70181 staining (0.5ug/ml) of total melanocyte PNS (200ug per lane) of wild-type and melanophilin null (Mph null) mice. The upper band may represent the stacking-separating gel interface. Data kindly provided by A N Hume, Imperial College.



Wild-type C57bl6 derived melanocytes were stained with STJ70181 (0.5ug/ml) and detected with Alexa568 conjugated donkey anti-sheep second antibodies. Brightfield image shows melanosome distribution. Data kindly provided by A N Hume, Imperial College.