

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

STJ70181

### GENERAL INFORMATION

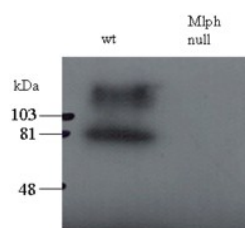
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-Melanophilin-Mouse (C-Term) is suitable for use in ELISA, Western Blot, Immunocytochemistry, Immunofluorescence and GST-pulldown research applications.
<b>Applications</b>	Pep-ELISA/WB/ICC/IF/GST-pulldown
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Mouse/Rat

### PRODUCT PROPERTIES

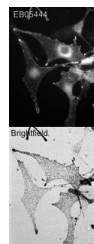
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution Range</b>	Peptide ELISA: antibody 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
<b>Formulation</b>	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C on receipt and minimise freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	
<b>Gene Symbol</b>	
<b>Uniprot ID</b>	
<b>Immunogen</b>	
<b>Immunogen Region</b>	C-Term
<b>Specificity</b>	
<b>Immunogen Sequence</b>	ARHIFAKPVMAQQP



STJ70181 staining (0.5ug/ml) of total melanocyte PNS (200ug per lane) of wild-type and melanophilin 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.