

## Recombinant Pro-opiomelanocortin Antibody

Mouse Monoclonal Antibody [Clone r57]

Catalog No	Format	Size
5443-MSM20-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
5443-MSM20-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

### Product Details

<b>Clone</b>	r57
<b>Immunogen</b>	N-terminal fragment of human ACTH conjugated to KLH
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG1 / Kappa
<b>Mol. Weight of Antigen</b>	29.42kDa
<b>Cellular Localization</b>	Secreted
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	ACTH and MSH are produced by the pituitary gland

\*Optimal dilution for a specific application should be determined.

### Product Images for Recombinant Pro-opiomelanocortin Antibody

#### Specificity & Comments

Stimulates the adrenal glands to release cortisol., Anorexigenic peptide. Increases the pigmentation of skin by increasing melanin production in melanocytes., Increases the pigmentation of skin by increasing melanin production in melanocytes., Endogenous orexigenic opiate., Endogenous opiate.

#### Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

#### Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

#### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.