

Datasheet for ABIN2178604

anti-POMC antibody (AA 237-267) (PE)[Go to Product page](#)**2** Publications

Overview

Quantity:	100 µL
Target:	POMC
Binding Specificity:	AA 237-267
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POMC antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human POMC
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Cow,Sheep
Purification:	Purified by Protein A.

Target Details

Target:	POMC
Alternative Name:	POMC (POMC Products)
Background:	Synonyms: LPH, MSH, NPP, POC, ACTH, CLIP, Pro-opiomelanocortin, POMC, Corticotropin-

Target Details

	lipotropin
	Background: ACTH stimulates the adrenal glands to release cortisol. MSH (melanocyte-stimulating hormone) increases the pigmentation of skin by increasing melanin production in melanocytes. Beta-endorphin and Met-enkephalin are endogenous opiates.
Gene ID:	5443
UniProt:	P01189
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Peptide Hormone Metabolism , Hormone Activity , Feeding Behaviour

Application Details

Application Notes:	FCM 1:20-100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:	Xie, Wang, Li, Chao, Yue: "Early Repeated Administration of CXCR4 Antagonist AMD3100 Dose-Dependently Improves Neuropathic Pain in Rats After L5 Spinal Nerve Ligation." in: Neurochemical research , Vol. 41, Issue 9, pp. 2289-99, (2016) (PubMed).
	Chao, Lu, Lee, Chen, Wang, Yang, Cheng, Liao, Ro: "Early systemic granulocyte-colony

stimulating factor treatment attenuates neuropathic pain after peripheral nerve injury." in: **PLoS ONE**, Vol. 7, Issue 8, pp. e43680, (2012) ([PubMed](#)).