

Datasheet for ABIN6295490
anti-POMC antibody (N-Term)



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Overview

Quantity:	100 µg
Target:	POMC
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This POMC antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	Mouse anti-Human/Mouse/Rat POMC Antibody [Sodium Azide Free]
Immunogen:	An N-terminal peptide from the ACTH region of human POMC was used as the immunogen for this POMC antibody.
Specificity:	Cytoplasm
Purification:	An N-terminal peptide from the ACTH region of human POMC was used as the immunogen for this POMC antibody.

Target Details

Target:	POMC
Alternative Name:	Pro-opiomelanocortin , Beta-endorphin, Met-enkephalin] (POMC Products)

Target Details

Background:	Target Description: POMC (pro-opiomelanocortin or corticotropin-lipotropin) is a 267 amino acid polypeptide hormone precursor that goes through extensive, tissue-specific posttranslational processing by convertases. POMC is cleaved into ten hormone chains named NPP, ACTH, alpha-MSH (Melanocyte Stimulating Hormone), beta-MSH, gamma-MSH, CLIP (corticotropin-like intermediary peptide), Lipotropin-beta, Lipotropin-gamma, beta-endorphin and Met-enkephalin. Gene Symbol: POMC
Gene ID:	5443
UniProt:	P01189
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Peptide Hormone Metabolism , Hormone Activity , Feeding Behaviour

Application Details

Application Notes:	Flow Cytometry: 0.5-1 µg/million cells in 0.1ml Immunofluorescence: 0.5-1 µg/mL Immunohistochemistry (FFPE): 0.5-1 µg/mL for 30 minutes at RT (1)
Restrictions:	For Research Use only

Handling

Buffer:	In 1X PBS, BSA free, sodium azide free
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.