

## Anti-PENK Polyclonal Antibody 2

## Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat)
Molecular Weight:	Theoretical: 0.5 kDa.
Purification:	Protein A purified

## Applications

Blank control (black line): sH-SY5Y.  
Primary Antibody (green line): Rabbit Anti-Met Enkephalin antibody (TMAB-10171)  
Dilution: 2 µg/Test;  
Secondary Antibody (white blue line): Goat anti-rabbit IgG-AF488  
Dilution: 0.5 µg/Test.

Verified Activity: Isotype control (orange line): Normal Rabbit IgG  
Protocol

The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

Application: FCM

Recommended FCM: 2µg/Test

## Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

## Antigen Details

Immunogen: KLH conjugated Met Enkephalin peptide (Tyr-Gly-Gly-Phe-Met)

Gene ID: 5179

## Research Background

This gene encodes a preproprotein that is proteolytically processed to generate multiple protein products. These products include the pentapeptide opioids Met-enkephalin and Leu-enkephalin, which are stored in synaptic vesicles, then released into the synapse where they bind to mu- and delta-opioid receptors to modulate the perception of pain. Other non-opioid cleavage products may function in distinct biological activities. [provided by RefSeq, Jul 2015]

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