

## Summary

<b>Production Name</b>	PENK Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	PENK
<b>Alternative Names</b>	Proenkephalin-A, Synenkephalin, Met-enkephalin, Opioid growth factor, OGF, PENK(114-133), PENK(143-183), Met-enkephalin-Arg-Gly-Leu, Leu-enkephalin, PENK(237-258), Met-enkephalin-Arg-Phe, PENK
<b>Gene ID</b>	5179.0
<b>SwissProt ID</b>	P01210. This PENK antibody is generated from a mouse immunized with a recombinant protein from the human region of human PENK.

## Application

<b>Dilution Ratio</b>	WB:1:2000
<b>Molecular Weight</b>	30.8kDa

**Product Name: PENK Mouse Monoclonal Antibody**  
**Catalog #: AMM86134**



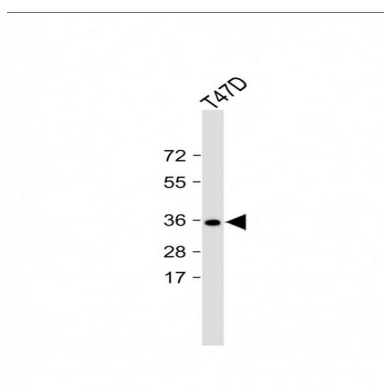
## Background

Met- and Leu-enkephalins compete with and mimic the effects of opiate drugs. They play a role in a number of physiologic functions, including pain perception and responses to stress. PENK(114-133) and PENK(237-258) increase glutamate release in the striatum. PENK(114-133) decreases GABA concentration in the striatum.

## Research Area

TGF-beta signaling pathway

## Image Data



All lanes : Anti-PENK Antibody at 1:2000 dilution

## Note

For research use only.