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Datasheet for ABIN948237

anti-Enkephalin antibody (AA 1-267)

3 Images

Overview

Quantity:	100 µg
Target:	Enkephalin (PENK)
Binding Specificity:	AA 1-267
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Enkephalin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant PENK.
Immunogen:	PENK (AAH32505, 1 a.a. ~ 267 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MARFLTCTW LLLLGPGLLA TVRAECSQDC ATCSYRLVRP ADISFLACVM ECEGKLPSLK IWETCKELLQ LSRPELPQDG TSTLRENSKP EESHLLAKRY GGFMKRYGGF MKKMDELYPM EPEEEANGSE ILAKRYGGFM KKDAEEDDSL ANSSDLLKEL LETGDNRRERS HHQDGSDNEE EVSKRYGGFM RGLKRSPQLE DEAKELQKRY GGFMRRVGRP EWWMDYQKRY GGFLKRFAEA LPSDEEGESY SKEVPEMEKR YGGFMRF
Clone:	9E7
Isotype:	IgG1
Cross-Reactivity:	Human

Product Details

Characteristics: Antibody Reactive Against Recombinant Protein.

Target Details

Target: Enkephalin (PENK)

Alternative Name: PENK ([PENK Products](#))

Background: Full Gene Name: proenkephalin
Synonyms:

Gene ID: 5179

Pathways: [Stem Cell Maintenance](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

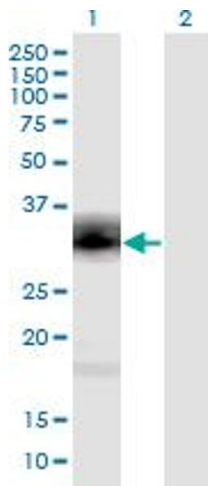
Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images

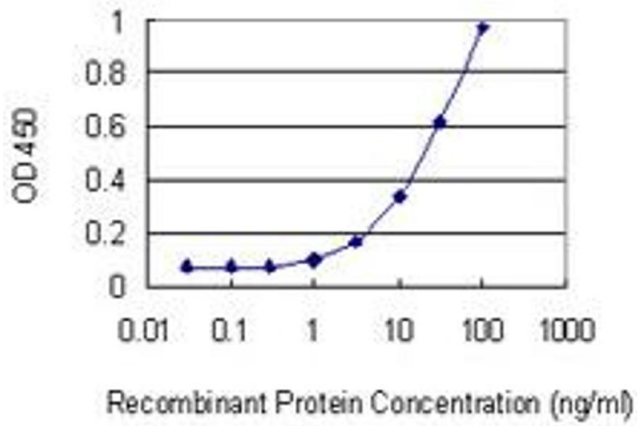


Western Blotting

Image 1. Western Blot analysis of PENK expression in transfected 293T cell line by PENK monoclonal antibody (M04), clone 9E7.

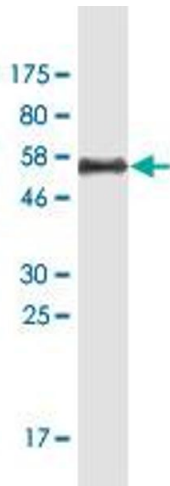
Lane 1: PENK transfected lysate (Predicted MW: 29.48 kDa).

Lane 2: Non-transfected lysate.



ELISA

Image 2. Detection limit for recombinant GST tagged PENK is 1 ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (55.11 KDa).