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Datasheet for ABIN213293

**anti-beta Endorphin antibody (N-Term)**

## Overview

Quantity:	40 µg
Target:	beta Endorphin (beta-EP)
Binding Specificity:	N-Term
Reactivity:	Human, Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This beta Endorphin antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	Synthetic human beta-endorphin coupled with poly-lysine or thyroglobulin (1, 2) (H-Tyr-Gly-Gly-Phe sequence).  Type of Immunogen: Synthetic peptide
Isotype:	IgG2a
Specificity:	Recognizes the amino terminal H-Tyr-Gly-Gly-Phe sequence of human O-endorphin. Therefore, a high cross-reactivity with homologues of identical sequence, such as (Met)-enkephalin and (Leu)-enkephalin and a number of opioid peptides, occurs, the antibody also reacts with porcine and camel O-endorphin. However, the antibody does not recognize human beta-lipotropin and N-acetyl-beta-endorphin. Species Reactivity: Human, porcine and camel.
Purification:	Purified

## Target Details

Target:	beta Endorphin (beta-EP)
Alternative Name:	Beta Endorphin ( <a href="#">beta-EP Products</a> )
Pathways:	<a href="#">Metabolism of Steroid Hormones and Vitamin D</a> , <a href="#">Peptide Hormone Metabolism</a> , <a href="#">Hormone Activity</a>

## Application Details

Application Notes:	Approved: ELISA, IHC  Usage: ELISA. Immunohistochemistry.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	0.02 M phosphate buffer, 0.25 M sodium chloride, 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.