




Product datasheet

Anti-Ornithine Decarboxylase antibody [MP16-2] ab3141

★☆☆☆☆ 1 Abreviews

Overview

Product name	Anti-Ornithine Decarboxylase antibody [MP16-2]
Description	Mouse monoclonal [MP16-2] to Ornithine Decarboxylase
Host species	Mouse
Tested applications	Suitable for: IHC-Fr
Species reactivity	Reacts with: Mouse, Rat, Human Predicted to work with: a wide range of other species 
Immunogen	Synthetic peptide: KPDEKYSSSIWGPTC , corresponding to amino acids 345-360 of Rat Ornithine Decarboxylase.  Run BLAST with  Run BLAST with
Epitope	Amino acids 355-360 (-IWGPTC-). This is associated with the active site of ODC or a locus in its direct vicinity.
Positive control	Epithelial cells in normal placenta or prostate carcinoma.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.40 Constituents: 0.0268% PBS, 0.2% BSA
Purity	Protein G purified
Clonality	Monoclonal
Clone number	MP16-2
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab3141** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-Fr		Use at an assay dependent concentration.

Target

Pathway	Amine and polyamine biosynthesis; putrescine biosynthesis via L-ornithine pathway; putrescine from L-ornithine: step 1/1.
Sequence similarities	Belongs to the Orn/Lys/Arg decarboxylase class-II family.
Post-translational modifications	S-Nitrosylation inhibits the enzyme. S-Nitrosylated in vitro on 4 cysteine residues.

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