

CPY (carboxypeptidase Y) monoclonal antibody

CATALOG #:	A6428
COMPONENTS:	250 µg monoclonal antibody
APPLICATIONS:	Western blotting and Immunocytochemistry
CLONE ID OF MONOCLONAL ANTIBODY (mAb):	10A5B5
SPECIES CROSS-REACTIVITY:	<i>S. cerevisiae</i> .
HOST SPECIES AND ISOTYPE:	Mouse IgG2a, k
IMMUNOGEN:	Purified yeast CPY (carboxypeptidase)
CONCENTRATION:	1 mg/mL in Heps-Buffered Saline (HBS) with 0.02% azide as a preservative
SUGGESTED WORKING CONCENTRATION:	0.25 µg/mL for Western blotting. 20 µg/mL for Immunocytochemistry
mAb PURITY:	Near homogeneity as judged by SDS-PAGE. The antibody was produced <i>in vitro</i> using hybridomas grown in serum-free medium, and then purified by biochemical fractionation.
STORAGE CONDITIONS:	Store at 4°C. Do not freeze.

BACKGROUND:

Antibody binding specificity was determined by Particle Concentration Fluorescence Immunoassay (PCFIA) using the yeast caboxypeptidase, by Western blot immunoassay using protein extracts from yeast, and by indirect immunofluorescence of fixed yeast cells.

The antibody can be used to detect the yeast carboxypeptidase on Western blots or to immunolocalize the carboxypeptidase in fixed yeast cells.

The antibody is ideal for screening for carboxypeptidase secretion (Vps-phenotype) in yeast using the colony immunoblot overlay assay. The antibody has been extensively used in screens for new vps mutations, as well as in complementation analysis with the vps mutant collection.

For research use only. Not intended for human or animal therapeutic or diagnostic use.

Important Licensing Information - These products may be covered by one or more Limited Use Label Licenses (see the Invitrogen Catalog or our website, www.invitrogen.com). By use of these products you accept the terms and conditions of all applicable Limited Use Label Licenses. Unless otherwise indicated, these products are for research use only and are not intended for human or animal diagnostic, therapeutic or commercial use.

www.invitrogen.com

Life Technologies Corporation • 5791 Van Allen Way • Carlsbad • CA 92008 • Tel: 800.955.6288 • E-mail: techsupport@invitrogen.com

MP06428

MAN0003180

Rev. date: 28 June 2010