

## Carbamoyl-phosphate synthase [ammonia], mitochondrial Antibody

Mouse Monoclonal Antibody [Clone CPS1/9860]

Catalog No	Format	Size
1373-MSM20-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
1373-MSM20-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
1373-MSM20-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

### Product Details

<b>Clone</b>	CPS1/9860
<b>Immunogen</b>	Recombinant fragment (around aa 1354-1496) of human CPS1 protein
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG2b / Kappa
<b>Mol. Weight of Antigen</b>	164.94kDa
<b>Cellular Localization</b>	Cell membrane, Mitochondrion, Nucleolus, Nucleus
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	Primarily in the liver and small intestine

*\*Optimal dilution for a specific application should be determined.*

### Product Images for Carbamoyl-phosphate synthase [ammonia], mitochondrial Antibody

#### Specificity & Comments

Involved in the urea cycle of ureotelic animals where the enzyme plays an important role in removing excess ammonia from the cell.

#### Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

#### Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

#### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.