

## Gamma-synuclein Antibody

Mouse Monoclonal Antibody [Clone SNCG/12619]

Catalog No	Format	Size
6623-MSM4-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
6623-MSM4-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
6623-MSM4-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>	SNCG/12619
<b>Immunogen</b>	Recombinant human SNCG protein fragment (around aa 17-127)
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG1 / Kappa
<b>Mol. Weight of Antigen</b>	13.33kDa
<b>Cellular Localization</b>	Centrosome, Cytoplasm, Cytoskeleton, Microtubule organizing center, Perinuclear region, Spindle
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	Highly expressed in brain, particularly in the substantia nigra

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

### Product Images for Gamma-synuclein Antibody

#### Specificity & Comments

Plays a role in neurofilament network integrity. May be involved in modulating axonal architecture during development and in the adult. In vitro, increases the susceptibility of neurofilament-H to calcium-dependent proteases (By similarity). May also function in modulating the keratin network in skin. Activates the MAPK and Elk-1 signal transduction pathway (By similarity).

#### 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.