

Kinesin-like protein KIF2C Antibody

Mouse Monoclonal Antibody [Clone KIF2C/6527]

Catalog No	Format	Size
11004-MSM17-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
11004-MSM17-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
11004-MSM17-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

Product Details

Clone	KIF2C/6527
Immunogen	Recombinant human KIF2C protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2 / Kappa
Mol. Weight of Antigen	81.31kDa
Cellular Localization	Centromere, Chromosome, Cytoplasm, Cytoskeleton, Kinetochore, Nucleus
Species Reactivity	Human
Positive Control	Expressed at high levels in thymus and testis, at low levels in small intestine, the mucosal lining of colon, and placenta, and at very low levels in spleen and ovary

*Optimal dilution for a specific application should be determined.

Product Images for Kinesin-like protein KIF2C Antibody

Specificity & Comments

In complex with KIF18B, constitutes the major microtubule plus-end depolymerizing activity in mitotic cells (PubMed:21820309). Regulates the turnover of microtubules at the kinetochore and functions in chromosome segregation during mitosis (PubMed:19060894). Plays a role in chromosome congression and is required for the lateral to end-on conversion of the chromosome-microtubule attachment (PubMed:23891108).

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A. 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.