

Transketolase-like protein 1 Antibody

Mouse Monoclonal Antibody [Clone TKTL1/2201]

Catalog No	Format	Size
8277-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
8277-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
8277-MSM1-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	TKTL1/2201
Immunogen	Recombinant fragment (around aa 48-180) of human TKTL1 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG
Mol. Weight of Antigen	65.33kDa
Cellular Localization	Cytoplasm
Species Reactivity	Human
Positive Control	Widely expressed (PubMed:8838793)

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

Product Images for Transketolase-like protein 1 Antibody

Specificity & Comments

Catalyzes the transfer of a two-carbon ketol group from a ketose donor to an aldose acceptor, via a covalent intermediate with the cofactor thiamine pyrophosphate. During fetal neocortex development, may be essential to maintain the full number of basal radial glia (bRG). bRG are neural progenitor cells that undergo asymmetric divisions, generating a bRG (self-renewal) and a neuron, in contrast to basal intermediate progenitors (bIPs), which typically divide once to give rise to 2 neurons. bRG generate more cortical neurons over time than bIPs.

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.