

Product datasheet

anti-TKT (Transketolase) mouse monoclonal, VW-1B1-A8-F4, lyophilized, purified

Short overview

Cat. No.	610174
Quantity	50 µg
Concentration	50 µg/ml after reconstitution with 1 ml dist. water

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG2a kappa
Clone	VW-1B1-A8-F4
Immunogen	HPLC purified peptide from TKT
Formulation	Lyophilized; reconstitute in 1 ml dist. water (final solution contains 0.09% sodium azide, 0.5% BSA in PBS buffer, pH 7.4)
UniprotID	P29401 (Human)
Synonym	Transketolase, TK, EC 2.2.1.1, TKT
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage before reconstitution	2-8°C until indicated expiry date
Storage after reconstitution	Up to 3 months at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	ICC/IF, IHC, WB
Reactivity	Human

Applications

Immunocytochemistry (ICC)	Assay dependent
Immunohistochemistry (IHC) - frozen	1:50
Western Blot (WB)	Assay dependent

Background

Transketolase dependent reactions regulate the non-oxidative part of the pentose-phosphate-pathway (PPP) in glucose metabolism. This pathway generates NADPH and pentose phosphates. The latter are important for nucleic acid metabolism. Beside the ubiquitous Transketolase (TKT) other Transketolase-like proteins exist.

Reactivity on cultured cell lines: HepG2.

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Product images



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