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Datasheet for ABIN4956550
anti-TKT antibody

Overview

Quantity:	50 µg
Target:	TKT
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	HPLC purified peptide from TKT
Clone:	VW-1B1-A8-F4
Isotype:	IgG2a kappa
Cross-Reactivity:	Human
Purification:	purified

Target Details

Target:	TKT
Alternative Name:	TKT (TKT Products)
Background:	Transketolase dependent reactions regulate the nonoxidative 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. In addition to the ubiquitous transketolase (TKT) other transketolase-like proteins exist (e.g. in heart, lung, brain, kidney,

Target Details

placenta, pancreas). Increased expression was found in fast growing malignant tumors.

Molecular Weight: Mr 40,000 polypeptide

Application Details

Application Notes: 0

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with 1 mL deionized water

Buffer: PBS, pH 7.19

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C