



Anti-TNKS monoclonal antibody, clone 2B4 (CABT-19018MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Tankyrase-1 is an enzyme that in humans is encoded by the TNKS gene. Mouse monoclonal antibody raised against a partial recombinant TNKS.
Immunogen	TNKS (NP_003738, 1017 a.a. ~ 1125 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	2B4
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	TERKEGEVAGLDMNISQFLKSLGLEHLRDIFETEQITLDVLADMGHEELKEIGINAYGHR HKLIKGVERLLGGQQGTNPYLTFHCVNQGTILLDLAPEDKEYQSVEEE*
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	TNKS tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase [Homo sapiens]
Official Symbol	TNKS
Synonyms	tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase; Tankyrase I; PARP5A; PARPL; TIN1; TANK1; TINF1; TRF1-interacting ankyrin-related ADP-ribose polymerase; PARP-5a; tankyrase-1; pART5; EC 2.4.2.30; Poly [ADP-ribose] polymerase 5A; TNKS1; TNKS-1; OTTHUMP00000115550; OTTHUMP00000224675
Entrez Gene ID	8658
Protein Refseq	NP_003738
UniProt ID	O95271
Chromosome Location	8p23.1
Pathway	Regulation of Telomerase, organism-specific biosystem
Function	NAD+ ADP-ribosyltransferase activity; protein binding; transferase activity, transferring glycosyl groups; zinc ion binding