

For Research Use Only

TOP2A-Specific Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 82738-14-PBS



Basic Information

Catalog Number: 82738-14-PBS	GenBank Accession Number: NM_001067	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7153	CloneNo.: 253104C10
Source: Rabbit	UNIPROT ID: P11388	
Isotype: IgG	Full Name: topoisomerase (DNA) II alpha 170kDa	
	Calculated MW: 174 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

82738-14-PBS targets TOP2A-Specific as part of a matched antibody pair:

MP03228-1: 82738-15-PBS capture and 82738-14-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

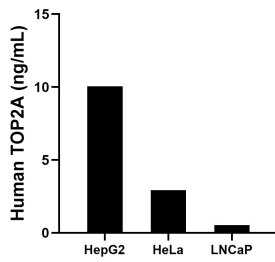
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

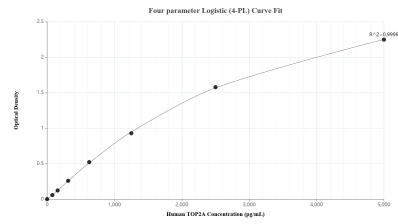
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



The mean TOP2A concentration was determined to be 10.0 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, 2.9 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load and 0.5 ng/mL in LNCaP cell extract based on a 1.2 mg/mL extract load.



Sandwich ELISA standard curve of MP03228-1, Human TOP2A Recombinant Matched Antibody Pair - PBS only. 82738-15-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY00757. 82738-14-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.