

For Research Use Only

# TOP2A-Specific Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 82738-15-PBS



## Basic Information

<b>Catalog Number:</b> 82738-15-PBS	<b>GenBank Accession Number:</b> NM_001067	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7153	<b>CloneNo.:</b> 253104C7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P11388	
<b>Isotype:</b> IgG	<b>Full Name:</b> topoisomerase (DNA) II alpha 170kDa	
	<b>Calculated MW:</b> 174 kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA

**Species Specificity:**  
human

## Product Information

82738-15-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

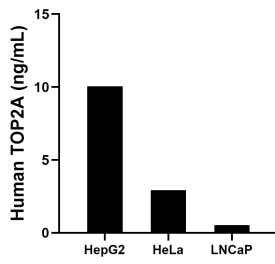
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

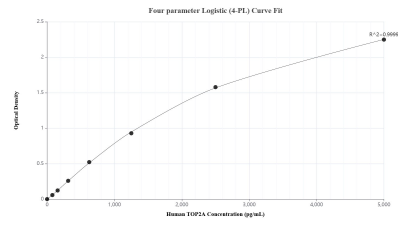
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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.