

For Research Use Only

TYMS Recombinant monoclonal antibody, PBS Only

Catalog Number: 86643-1-PBS



Basic Information

Catalog Number:

86643-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7027

GenBank Accession Number:

BC002567

GeneID (NCBI):

7298

UNIPROT ID:

P04818

Full Name:

thymidylate synthetase

Calculated MW:

36 kDa

Observed MW:

36 kDa

Purification Method:

Protein A purification

CloneNo.:

251532A1

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

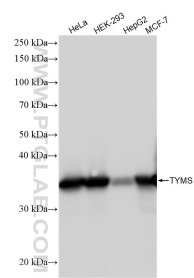
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

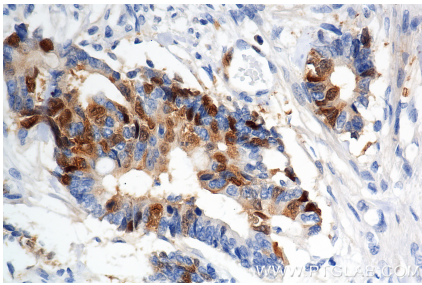
W: ptglab.com

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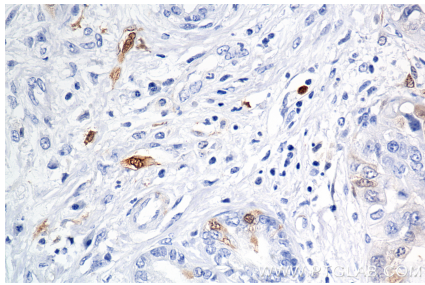
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86643-1-RR (TYMS antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86643-1-PBS in a different storage buffer formulation.



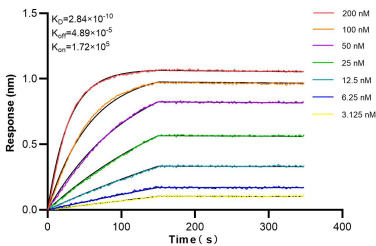
Immunohistochemical analysis of paraffin-embedded human rectal cancer tissue slide using 86643-1-RR (TYMS antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86643-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 86643-1-RR (TYMS antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86643-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using TYMS antibody (86643-1-RR, Clone: 251532A1) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 86643-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86643-1-RR against Human TYMS were performed. The affinity constant is 0.284 nM.