

For Research Use Only

Catalase Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 83329-4-PBS



Basic Information

Catalog Number:

83329-4-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15383

GenBank Accession Number:

BC112219

GeneID (NCBI):

847

UNIPROT ID:

P04040

Full Name:

catalase

Calculated MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

253464D10

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:

human

Background Information

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

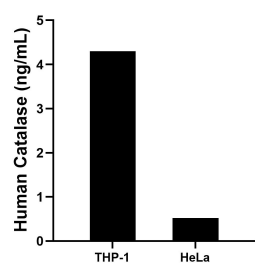
T: 4006900926

E: Proteintech-CN@ptglab.com

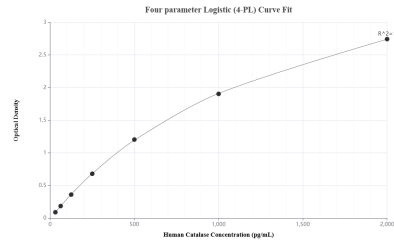
W: ptgcn.com

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

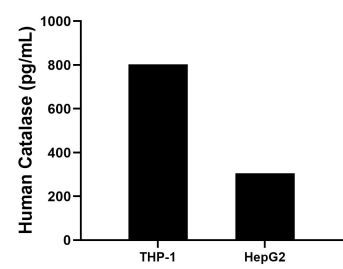
Selected Validation Data



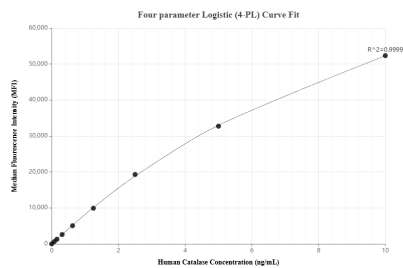
The mean Catalase concentration was determined to be 4.30 ng/mL in THP-1 cell extract based on a 1.5 mg/mL extract load and 0.52 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load.



Sandwich ELISA standard curve of MP03219-2, Human Catalase Recombinant Matched Antibody Pair - PBS only. 83329-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag15383. 83329-5-PBS was HRP conjugated as the detection antibody. Range: 31.3-2000 pg/mL



The mean Catalase concentration was determined to be 803.0 pg/mL in THP-1 cell extract based on a 1.2 mg/mL extract load, 306.1 pg/mL in HepG2 cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP03219-1, Catalase Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83329-4-PBS. Detection antibody: 83329-3-PBS. Standard: Ag15383. Range: 0.078-10 ng/mL