

For Research Use Only

CYP1A1 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 88462-3-PBS



Basic Information

Catalog Number: 88462-3-PBS	GenBank Accession Number: BC023019	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 1543	CloneNo.: 261000E4
Isotype: IgG	UNIPROT ID: P04798	
Immunogen Catalog Number: AG3990	Full Name: cytochrome P450, family 1, subfamily A, polypeptide 1	
	Calculated MW: 512 aa, 58 kDa	

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:

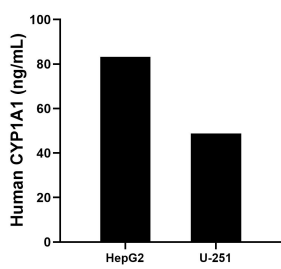
T: 4006900926

E: Proteintech-CN@ptglab.com

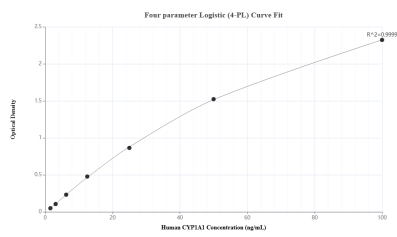
W: ptgcn.com

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

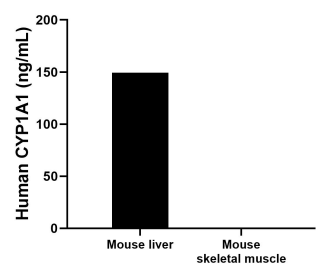
Selected Validation Data



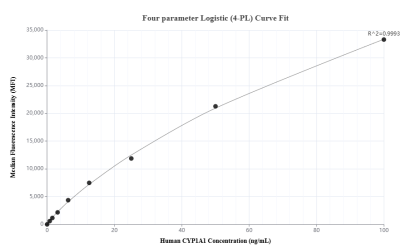
The mean CYP1A1 concentration was determined to be 83.23 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load and 48.74 ng/mL in U-251 cell extract based on a 1.2 mg/mL extract load.



Sandwich ELISA standard curve of MP03554-2, Human CYP1A1 Recombinant Matched Antibody Pair - PBS only. 88462-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3990. 88462-4-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL



The mean CYP1A1 concentration was determined to be 149.2 ng/mL in mouse liver tissue extract based on a 1.0 mg/mL extract load, mouse skeletal muscle tissue extract were served as a negative control.



Cytometric bead array standard curve of MP03554-1, CYP1A1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88462-3-PBS. Detection antibody: 88462-2-PBS. Standard: Ag3990. Range: 0.781-100 ng/mL