

For Research Use Only

CRH Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 86571-3-PBS



Basic Information

Catalog Number: 86571-3-PBS	GenBank Accession Number: BC011031	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1392	CloneNo.: 251310E1
Source: Rabbit	UNIPROT ID: P06850	
Isotype: IgG	Full Name: CRH/CRF	
Immunogen Catalog Number: EG4974	Calculated MW: 21 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

86571-3-PBS targets CRH as part of a matched antibody pair:

MP02703-1: 86571-3-PBS capture and 86571-2-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.

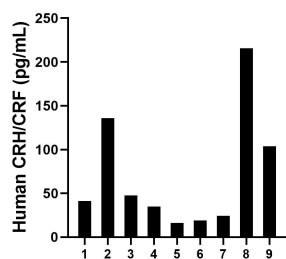
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

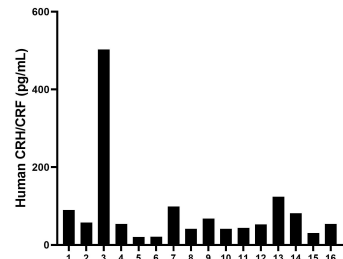
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

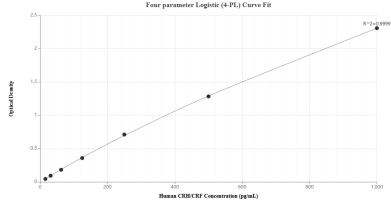
Selected Validation Data



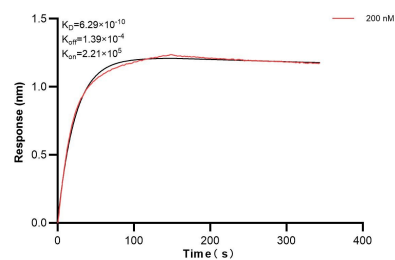
Serum of nine individual healthy human donors was measured. The human CRH/CRF concentration of detected samples was determined to be 71.0 pg/mL with a range of 16.3-215.7 pg/mL.



Plasma of sixteen individual healthy human donors was measured. The human CRH/CRF concentration of detected samples was determined to be 86.5 pg/mL with a range of 20.6-503.0 pg/mL.



Sandwich ELISA standard curve of MP02703-1, Human CRH/CRF Recombinant Matched Antibody Pair - PBS only. 86571-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg4974. 86571-2-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL.



Bioluminescence resonance energy transfer (BLI) kinetic assay of 86571-3-PBS against Human CRH was performed. The affinity constant is 0.629 nM.