

For Research Use Only

NANOG Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 80210-13-PBS



Basic Information

Catalog Number: 80210-13-PBS	GenBank Accession Number: BC160187	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 79923	CloneNo.: 250067F10
Source: Rabbit	UNIPROT ID: Q9H9S0	
Isotype: IgG	Full Name: Nanog homeobox	
Immunogen Catalog Number: AG5645	Calculated MW: 35 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

80210-13-PBS targets NANOG as part of a matched antibody pair:

MP02157-1: 80210-11-PBS capture and 80210-13-PBS detection (validated in Cytometric bead array)

MP02157-2: 80210-13-PBS capture and 80210-12-PBS detection (validated in Cytometric bead array, 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

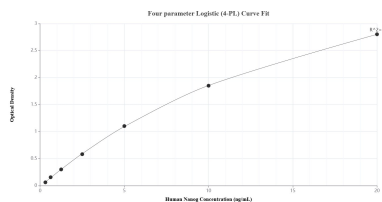
For technical support and original validation data for this product please contact:

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

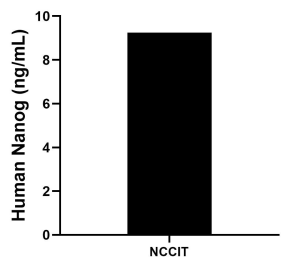
E: proteintech@ptglab.com
W: ptglab.com

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

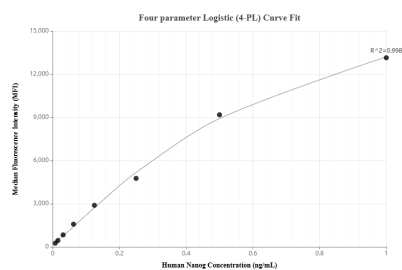
Selected Validation Data



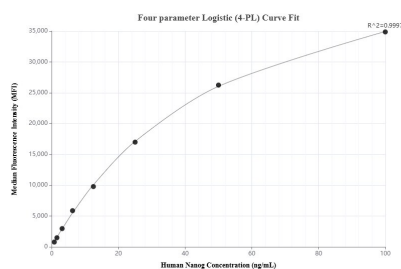
Sandwich ELISA standard curve of MP02157-2, Human Nanog Recombinant Matched Antibody Pair - PBS only. 80210-13-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag5645. 80210-12-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL.



The mean Nanog concentration was determined to be 9.25 ng/mL in NCCIT cell extract based on a 1.50 mg/mL extract load.



Cytometric bead array standard curve of MP02157-2, Nanog Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 80210-13-PBS. Detection antibody: 80210-12-PBS. Standard: Ag5645. Range: 0.781-100 ng/mL.



Cytometric bead array standard curve of MP02157-1, Nanog Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 80210-11-PBS. Detection antibody: 80210-13-PBS. Standard: Ag5645. Range: 0.781-100 ng/mL.