

Nanog Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02157-2**

Capture Antibody Information

Catalog Number: 80210-13-PBS	Clone ID: 250067F10	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: Nanog homeobox
Isotype: IgG	GenBank: BC160187	Gene ID: 79923
Purification Method: Protein A purification	Immunogen Catalog Number: Ag5645	

Detection Antibody Information

Catalog Number: 80210-12-PBS	Clone ID: 250067H3	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: Nanog homeobox
Isotype: IgG	GenBank: BC160187	Gene ID: 79923
Purification Method: Protein A purification	Immunogen Catalog Number: Ag5645	

Applications

Tested Applications: Cytometric bead array, Sandwich ELISA	Range: 0.781-100 ng/mL (Cytometric Bead Array) 0.313-20 ng/mL (Sandwich ELISA)	Recommended Dilutions: It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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Product Information

MP02157-2 targets Nanog in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: NANOG Recombinant antibody, PBS Only (Capture/Detector) 80210-13-PBS (250067F10). 100 µg. Concentration 1 mg/mL.

Detection antibody: NANOG Recombinant antibody, PBS Only (Detector) 80210-12-PBS (250067H3). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

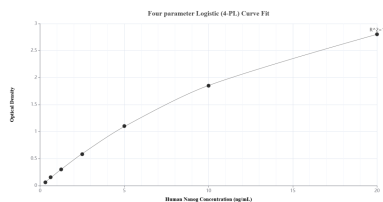
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

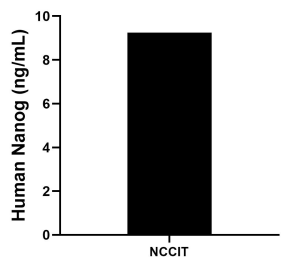
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

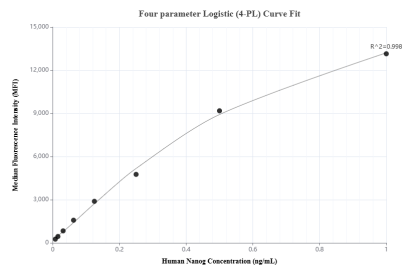
Selected Validation Data



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.