

For Research Use Only

OGG1 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00871-1

Capture Antibody Information

Catalog Number:
83973-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240940F9

Reactivity:
human

GenBank:
BC000657

Immunogen Catalog Number:
Ag7204

Conjugate:
Unconjugated

Full name:
8-oxoguanine DNA glycosylase

Gene ID:
4968

Detection Antibody Information

Catalog Number:
83973-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240940D3

Reactivity:
human

GenBank:
BC000657

Immunogen Catalog Number:
Ag7204

Conjugate:
Unconjugated

Full name:
8-oxoguanine DNA glycosylase

Gene ID:
4968

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.469-60 ng/mL (Cytometric Bead Array)
0.781-50 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP00871-1 targets OGG1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: OGG1 Recombinant antibody, PBS Only (Capture/Detector) 83973-3-PBS (240940F9). 100 µg. Concentration 1 mg/ml.

Detection antibody: OGG1 Recombinant antibody, PBS Only (Detector) 83973-2-PBS (240940D3). 100 µg. Concentration 1 mg/ml.

Alternative OGG1 matched antibody pairs: MP00871-2

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

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

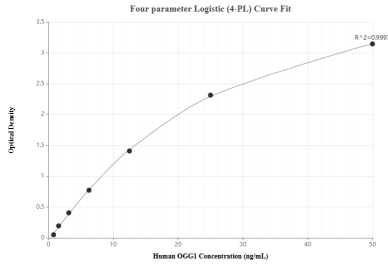
T: 4006900926

E: Proteintech-CN@ptglab.com

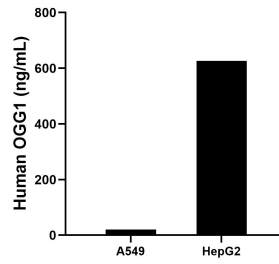
W: ptgcn.com

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

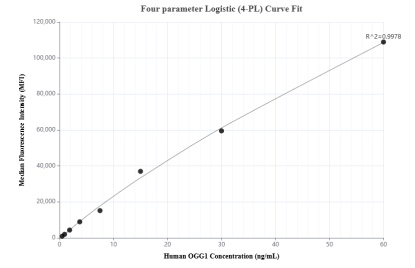
Selected Validation Data



Sandwich ELISA standard curve of MP00871-1, Human OGG1 Recombinant Matched Antibody Pair - PBS only. 83973-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag7204. 83973-2-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL



The mean OGG1 concentration was determined to be 20.19 ng/mL in A549 cell extract based on a 3.0 mg/mL extract load and 626.00 ng/mL in HepG2 extract based on a 2.0 mg/mL extract load.



Cytometric bead array standard curve of MP00871-1, OGG1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83973-3-PBS. Detection antibody: 83973-2-PBS. Standard: Ag7204. Range: 0.469-60 ng/mL