

AHR Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00397-3**

Capture Antibody Information

Catalog Number:
83369-7-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240325H4
Reactivity:
human
GenBank:
BC070080
Immunogen Catalog Number:
Ag12193

Conjugate:
Unconjugated
Full name:
aryl hydrocarbon receptor
Gene ID:
196

Detection Antibody Information

Catalog Number:
83369-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240325A6
Reactivity:
human
GenBank:
BC070080
Immunogen Catalog Number:
Ag12193

Conjugate:
Unconjugated
Full name:
aryl hydrocarbon receptor
Gene ID:
196

Applications

Tested Applications:
Sandwich ELISA

Range:
1.95-31.3 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

MP00397-3 targets AHR in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: AHR Recombinant antibody, PBS Only (Capture) 83369-7-PBS (240325H4). 100 μ g. Concentration 1 mg/mL.

Detection antibody: AHR Recombinant antibody, PBS Only (Detector) 83369-1-PBS (240325A6). 100 μ g. 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.

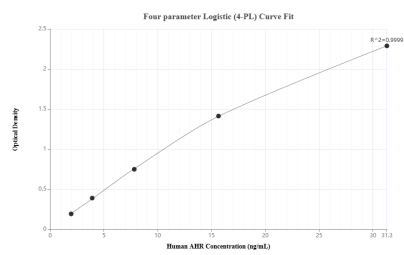
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

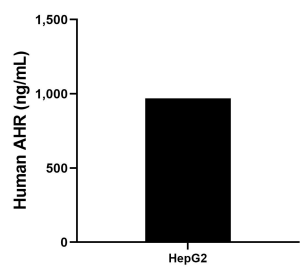
Storage

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 MP00397-3, Human AHR Recombinant Matched Antibody Pair - PBS only. 83369-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag12193. 83369-1-PBS was HRP conjugated as the detection antibody. Range: 1.95-31.3 ng/mL



The mean AHR concentration was determined to be 968.54 ng/mL in HepG2 cell extract based on a 1.0 mg/mL extract load.