

For Research Use Only

# IL-6 Monoclonal antibody, PBS Only (Detector)



Catalog Number: 68659-2-PBS

## Basic Information

**Catalog Number:**

68659-2-PBS

**Size:**

100ug, Concentration: 1mg/ml by Nanodrop;

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

HZ-1019

**GenBank Accession Number:**

GeneID (NCBI):

3569

**ENSEMBL Gene ID:**

ENSG00000136244

**Full Name:**

interleukin 6 (interferon, beta 2)

**Purification Method:**

Protein G purification

**CloneNo.:**

6C4B7

## Applications

**Tested Applications:**

Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**

human

## Product Information

68659-2-PBS targets IL-6 as part of a matched antibody pair:

MP50032-1: 68659-1-PBS capture and 68659-2-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

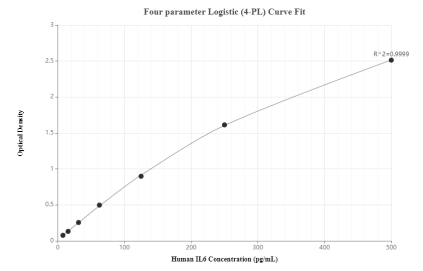
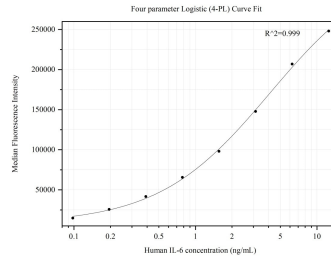
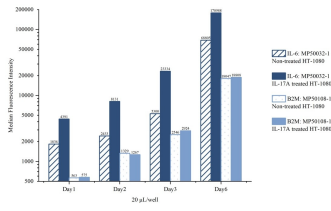
For technical support and original validation data for this product please contact:

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# Selected Validation Data



Cytometric bead array of HT-1080 cells conditioned culture media using MP50032-1, IL-6 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68659-1-PBS. Detection antibody: 68659-2-PBS. HT-1080 cells were inoculated into 6 well plate at 40000 cells/well followed by culture for 6 days in normal culture media or IL-17A (Cat.NO. HZ-1113, 40 ng/mL) containing media. 20  $\mu$ L of the conditioned media from day 1, 2, 3 and day 6 was analyzed using



Cytometric bead array standard curve of MP50032-1, IL-6 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68659-1-PBS. Detection antibody: 68659-2-PBS. Standard:HZ-1019. Range: 0.098-12.5 ng/mL

Sandwich ELISA standard curve of MP50032-1, IL6 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68659-1-PBS. Detection antibody: 68659-2-PBS. Standard: HZ-1019. Range: 7.8-500 pg/mL