

IL6 Monoclonal Antibody

CAB22222

Description

This IL6 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB22222
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	CDF, HGF, HSF, BSF2, IL-6, BSF-2, IFNB2, IFN-beta-2, IL6
Clone:	ARC5093-01
Applications:	WB ELISA
Conjugation:	Unconjugated
Reactivity:	Human

Antibody Data

Gene ID:	3569
Uniprot:	-
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	21-28 kDa
Calculated MW:	21-24 kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

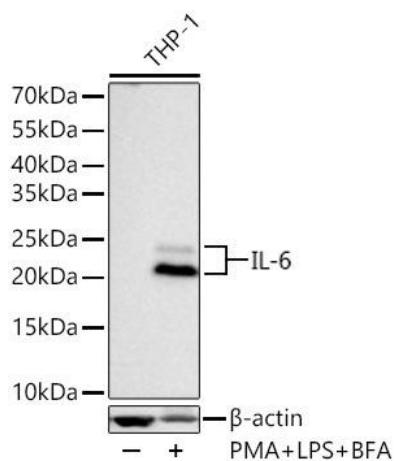
Positive Sample: THP-1 treated with PMA/TPA, LPS and BFA

Recommended Dilutions:

WB	1:1000 - 1:2000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of lysates from THP-1 cells using IL-6 Rabbit mAb (CAB22222) at 1:1000 dilution incubated overnight at 4°C. THP-1 cells were treated with PMA(80 nM) at 37°C for overnight, LPS (1 µg/mL) and BFA (300 ng/mL) at 37°C for 6 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 30 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90 s.