ABclonal™

IL6 Rabbit pAb

Catalog No.: A11115   **8 Publications**

Basic Information

Observed MW
23kDa

Calculated MW
24kDa

Category
Primary antibody

Applications
ELISA,WB

Cross-Reactivity
Human, Mouse, Rat

Background

This gene encodes a cytokine that functions in inflammation and the maturation of B cells. In addition, the encoded protein has been shown to be an endogenous pyrogen capable of inducing fever in people with autoimmune diseases or infections. The protein is primarily produced at sites of acute and chronic inflammation, where it is secreted into the serum and induces a transcriptional inflammatory response through interleukin 6 receptor, alpha. The functioning of this gene is implicated in a wide variety of inflammation-associated disease states, including suspectibility to diabetes mellitus and systemic juvenile rheumatoid arthritis. Elevated levels of the encoded protein have been found in virus infections, including COVID-19 (disease caused by SARS-CoV-2).

Recommended Dilutions

WB   1:2000 - 1:10000

Immunogen Information

Gene ID
3569

Swiss Prot
P05231

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 30-212 of human IL6 (NP_000591.1).

Synonyms
CDF; HGF; HSF; BSF2; IL-6; BSF-2; IFNB2; IFN-beta-2; IL6

Contact

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Product Information
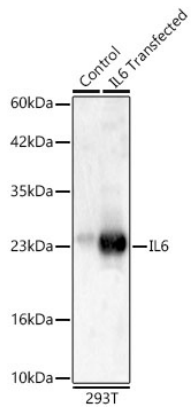
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Western blot analysis of lysates from wild type (WT) and 293T cells transfected with IL6 using IL6 Rabbit pAb(A11115) at 1:2000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.