

IL-6 Antibody [clone MP5-20F3] (V2346)

Catalog No.	Formulation	Size
V2346-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2346-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2346SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug



Citations (10)

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Species Reactivity	Mouse
Format	Purified
Clonality	Monoclonal (rat origin)
Isotype	Rat IgG1, kappa
Clone Name	MP5-20F3
Purity	Protein G purified IL-6 antibody
Buffer	1X PBS, pH 7.4
Gene ID	16193
Localization	Cytoplasmic and extracellular (secreted)
Applications	Neutralization Studies (order BSA/sodium Azide-free Format) : Flow Cytometry : 0.5-1ug/10 ⁶ cells Immunofluorescence : 0.5-1ug/ml
Limitations	This IL-6 antibody is available for research use only.



Description

IL-6 is a potent lymphoid cell growth factor that stimulates the growth and survivability of certain B-cells and T-cells. IL-6 plays a role in host defense, acute phase reactions, immune responses, and hematopoiesis. IL-6 is expressed by T-cells, B-cells, monocytes, fibroblasts, hepatocytes, endothelial cells and keratinocytes.

Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the IL-6 antibody to be titered up or down for optimal performance.

Immunogen

Recombinant mouse IL-6 protein was used as the immunogen for this antibody.

Storage

Store the IL-6 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Alternate Names

B cell differentiation factor; B-cell stimulatory factor 2 (BSF-2); CTL differentiation factor (CDF); Cytotoxic T cell differentiation factor; Hepatocyte stimulating factor; HPGF; HSF; Hybridoma growth factor (HGF); Hybridoma growth factor Interferon beta-2; Hybridoma plasmacytoma growth factor; IFN-beta-2; IFNB2; Interferon bet

References (6)