

IL-6 Mouse monoclonal antibody

Catalog: MB9020

Host: Mouse

Reactivity: Human

Background:

Interleukin 6 (IL-6) is a potent pleiotropic cytokine that regulates cell growth and differentiation of various tissues, and is known particularly for its role in the immune response and acute phase reactions. IL-6 is a cytokine with a wide variety of biological functions and belongs to the IL-6 superfamily. IL-6 is a potent inducer of the acute phase response and plays an essential role in the final differentiation of B-cells into Ig-secreting cells. Involved in lymphocyte and monocyte differentiation.

Product:

Mouse IgG1, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 23 kDa

Swiss-Prot:

P05231

Purification&Purity:

Protein A affinity purified

Applications:

WB: 1:500

IHC: 1:100-1:200

Storage&Stability:

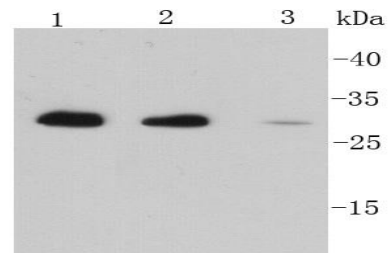
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

This antibody detects endogenous levels of IL-6 and does

not cross-react with related proteins.

DATA:

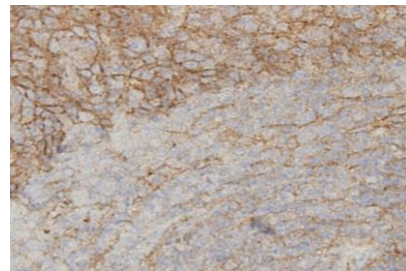


Western blot (WB) analysis of IL-6 Mouse mAb at 1:500 dilution

Lane1:Jurkat whole cell lysate

Lane2:Raji whole cell lysate

Lane3:Daudi whole cell lysate



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-IL-6 antibody. Counter stained with hematoxylin.

Note:

For research use only, not for use in diagnostic procedure.

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