

Datasheet for ABIN517042
anti-IL-6 antibody (AA 29-212)



[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	IL-6 (IL6)
Binding Specificity:	AA 29-212
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL-6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant IL6.
Immunogen:	IL6 (NP_000591, 29 a.a.-212 a.a.) full-length recombinant protein.
Sequence:	SPVPPGEDSK DVAAPHRQPL TSSERIDKQI RYILDGISAL RKETCNKSNM CESSKEALAE NNLNLPKMAE KDGCFSQGFN EETCLVKIIT GLLEFEVYLE YLQNRFESSE EQARAVQMST KVLIQFLQKK AKNLDAITTP DPTTNASLLT KLQAQNQWLQ DMTTHLILRS FKEFLQSSLR ALRQM
Clone:	3F4
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

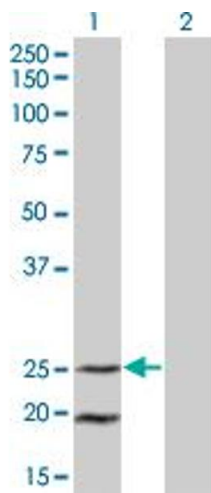
Target:	IL-6 (IL6)
Alternative Name:	IL6 (IL6 Products)
Background:	Full Gene Name: interleukin 6 (interferon, beta 2) Synonyms: BSF2,HGF,HSF,IFNB2,IL-6
Gene ID:	3569
NCBI Accession:	NM_000600
Pathways:	TLR Signaling, Hormone Transport, Negative Regulation of Hormone Secretion, Myometrial Relaxation and Contraction, Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response, Regulation of Carbohydrate Metabolic Process, Autophagy, Cell RedoxHomeostasis, Cancer Immune Checkpoints, Inflammasome

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

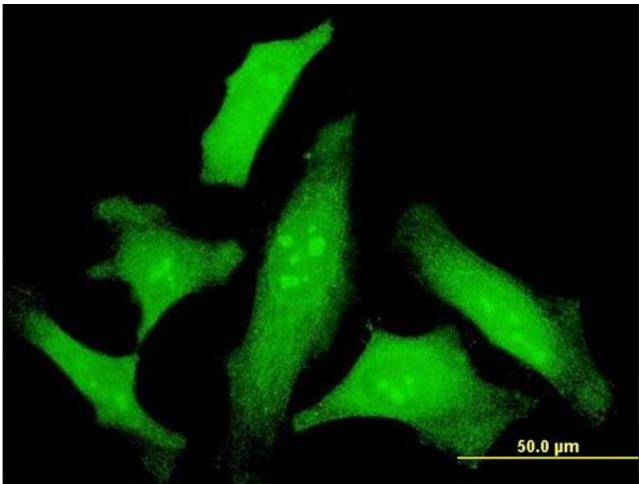


Western Blotting

Image 1. Western Blot analysis of IL6 expression in transfected 293T cell line by IL6 monoclonal antibody (M03), clone 3F4.

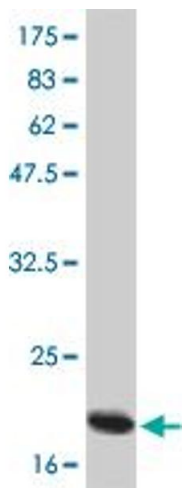
Lane 1: IL6 transfected lysate(23.7 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Image 2. Immunofluorescence of monoclonal antibody to IL6 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blotting

Image 3. Western Blot detection against Immunogen (21 KDa) .