

# IL-16 Monoclonal Antibody (17.1)

## Product Details

Size	500 µg
Species Reactivity	Human
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	17.1
Conjugate	Unconjugated
Immunogen	Recombinant human IL-16
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS
Contains	no preservative
Storage conditions	-20°C
RRID	AB_223467

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
Flow Cytometry (Flow)	-	1 Publication
ELISA (ELISA)	Assay-dependent	-

## Product Specific Information

M160E targets IL-16 in ELISA, and WB applications and shows reactivity with Human samples.

The M160E immunogen is recombinant human IL-16.

M160E detects IL-16 which has a predicted molecular weight of approximately 142 kDa.

The M160E IL16 antibody (clone 17.1) has successfully been paired as the coating antibody in a sandwich ELISA with detection antibody M161B (biotinylated conjugate of clone 14.1) Typical dilutions for sandwich ELISA include 1 µg/mL for coating and 0.125 - 0.25 µg/mL for detection.

Antibody M160E (clone 17.1) and biotinylated antibody M161B (clone 14.1) have successfully been used in combination with recombinant IL16 protein SIL16 in ELISA applications.

Flow Cytometry (1)

Journal of leukocyte biology	Year 2007
<b>Phenotypic differences between Th1 and Th17 cells and negative regulation of Th1 cell differentiation by IL-17.</b>	
"M160E was used in flow cytometry to characterize and compare T helper 1 and 17 cells"	
Authors: Nakae S,Iwakura Y,Suto H,Galli SJ	

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