



AVISCERA BIOSCIENCE

Anti-Human IL-6 Monoclonal Antibody

Product Information

Code	A00110-07-100
Name	Human IL-6 Mab
Clone No.	2E1B10
Lot No.	
Size	100 µg
Species	Human
Host	Mouse
Immunogen	Human IL-6 rec.
Ab Type	IgG
Purification	Protein G
Formulation	lyophilized Form without preservatives free
Carry	
Storage	-20 ° C
Specificity	Human
Reconstitution	PBS, 100 µl
Application	ELISA WB IHC

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Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, *E. coli*-derived, recombinant human IL-6. The IgG fraction of mice ascites fluid was purified by Protein G affinity chromatography.

Formulation

Lyophilized 100 µg of IgG in phosphate-buffered saline (PBS).

Reconstitution

Reconstitute with sterile PBS. If 500 µl of PBS is used, the antibody concentration will be 200 µg/mL.

Storage

This antibody can also be aliquotted (by 10 µl per vial) and stored frozen at -20° C to -70° C in a **manual defrost freezer** for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity

This antibody has been selected for its ability to recognize recombinant human IL-6 in ELISA.

Applications

Direct ELISA - This antibody can be used at 0.08 µg/ml with the appropriate secondary reagents to detect recombinant human IL-6 on indirect ELISA.

Immunohistochemistry-That Antibody can be used at 1: 50 (20 µg /mL) with the appropriate secondary antibody to detect IL-6 in human lung cancer tissues (ABC).

Western blot - This antibody can be used at 5 µg/mL with the appropriate secondary reagents to detect rh IL-6 under reduce condition. The detection limit for rh IL-6 approximately 10 ng/lane under reducing conditions.

Optimal dilutions should be determined by each laboratory for each application.

THIS PRODUCT IS FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.