

anti-human Interleukin-8/1-77a.a. (anti-hIL-8/1-77a.a.)

monoclonal antibody IT7F8 to Interleukin-8/1-77a.a. (human)

Cat-No: 21450081

100 µg in 100 µl

Clone: IT7F8

Specificity: The monoclonal antibody IT7F8 recognizes human IL-8/1-77a.a. in Western blot and ELISA.

Isotype: Mouse IgG1

Form: Purified from hybridoma culture supernatant by Protein G affinity chromatography.

Purity: The purity is > 95 % as determined by SDS-PAGE.

Physical state: liquid

Buffer/Additives/Preservative: PBS containing 0.09 % sodium azide (pH 7.2).

Expiration date: The reagent is stable until the expiry date stated on the vial label

Storage conditions: Store at -20 °C. Avoid freeze/thaw cycles.

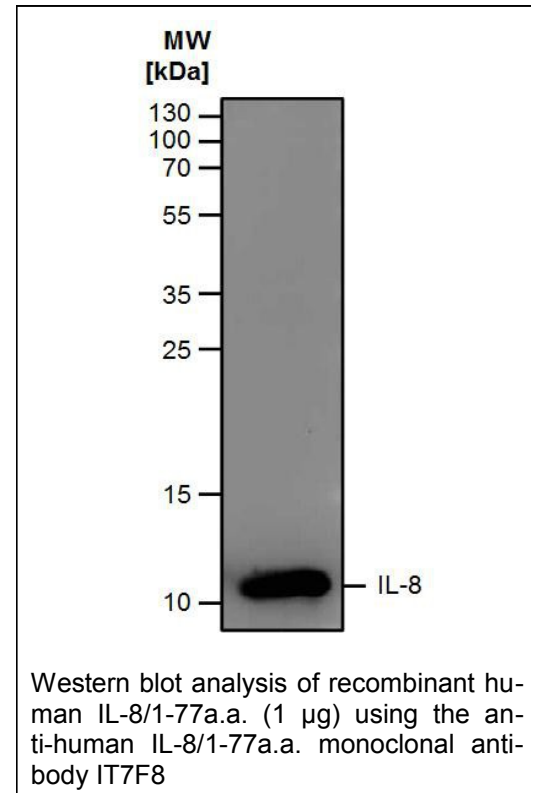
Application: Western blot, ELISA

Our lab uses the recommended concentration of 0.1 - 10 µg/ml for Western blot. But it is up to the user to determine the optimal concentration for Western blot and ELISA.

Background: Interleukin-8 (IL-8) is a chemokine produced by macrophages and other cell types such as epithelial cells. It is also synthesized by endothelial cells which store IL-8 in their storage vesicles, the Weibel-Palade bodies. When first encountering an antigen the primary cells to encounter it are the macrophages who phagocytose the particle. Upon processing they release chemokines to signal other immune cells to come in to the site of inflammation. IL-8 is one such chemokine. It serves as a chemical signal that attracts neutrophils at the site of inflammation, and therefore is also known as Neutrophil Chemotactic Factor.

Warning: Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink, and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

This material is offered for research only. Not for use in human. For in vitro use only. ImmunoTools will not be held responsible for patent infringement or other violations that may occur with the use of our products.



ImmunoTools Excellent Quality - Advantageously priced

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