

## anti-equine Interleukin-3 (anti-eqIL-3)

monoclonal antibody ITA9eq3 to Interleukin-3 (equine)

**Cat-No:** 28450031

100 µg in 100 µl

**Clone:** ITA9eq3

**Specificity:** The monoclonal antibody ITA9eq3 recognizes equine IL-3 in Western blot and ELISA.

**Isotype:** Mouse IgG

**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.

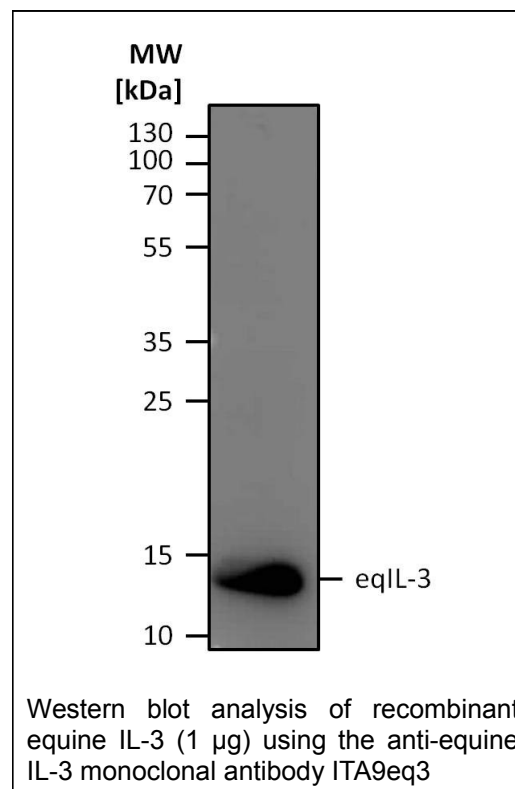
**Application:** Western blot, ELISA

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:** eq IL-3 is a potent growth promoting cytokine. This cytokine is a species specific colony stimulating factor which stimulates colony formation of megakaryocytes, neutrophils, and macrophages from bone marrow cultures. Produced by T cells, mast cells and eosinophils, IL-3 enhances thrombopoiesis, phagocytosis and antibody-mediated cellular cytotoxicity. Its ability to activate monocytes suggests that IL-3 may have additional immunoregulatory roles. Many of the IL-3 activities depend upon co-stimulation with other cytokines. It is involved in a variety of cell activities such as cell growth, differentiation and apoptosis. IL-3 has been also shown to possess neurotrophic activity and may be associated with neurologic disorders.

**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 use 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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