

anti-equine Interleukin-17 (anti-eqIL-17)

monoclonal antibody ITC1 to Interleukin-17 (equine)

Cat-No: 28450171

100 µg in 100 µl

Clone: ITC1

Specificity: The monoclonal antibody ITC1 recognizes equine IL-17 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.

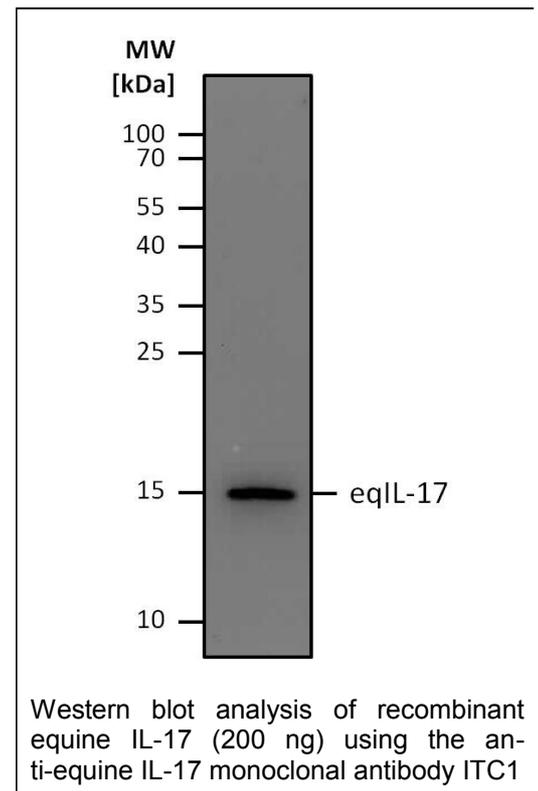
Application: Western blot, ELISA

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: IL-17 is a proinflammatory cytokine produced by activated T cells. IL-17 regulates the activities of NF-kappaB and mitogen-activated protein kinases. IL-17 can stimulate the expression of IL-6 and Cyclooxygenase-2 (COX-2) as well as enhance the production of nitric oxide (NO). High levels of IL-17 are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis.

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.



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