

Rabbit Anti-Equine Interleukin 5 (IL5) Polyclonal Antibody

Cat. No.: VD1N288

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for equine interleukin 5. It is affinity purified by protein A. It can be applied to WB, IH C, ICC and IP assays of equine interleukin 5.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	A6N38
Host	Rabbit
Target Species	Equine
Species Reactivity	Equine
Specificity	Equine Interleukin 5
Isotype	IgG
Immunogen	Recombinant protein of equine interleukin 5
Purification	Protein A Purified
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.05% Proclin 300
Buffer	0.01M Phosphate Buffered Saline, pH 7.4, with 50% Glycerol
Physical State	Liquid

Target Information

Equine IL-5 is a cytokine produced by Th2 cells and mast cells. It plays a key role in the development and activation of eosinophils. IL-5 binds to the IL-5 receptor on eosinophils, promoting their survival and activation. This cytokine is involved in immune response

s against parasites and contributes to allergic inflammation. IL-5 also enhances the production of IgA by B cells and plays a role in the maintenance of gut homeostasis.

Target	Equine Interleukin 5
Target Synonym	E-CSF; ESGF; EDF; TRF; Colony-Stimulating Factor Eosinophil; T-Cell replacing Factor; B Cell Differentiation Factor I; Eosinophil Differentiation Factor
Gene ID	100034199
UniProt ID	O02699

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 2 years). Avoid repeated freezing and thawing as this may denature the antibody.

Reference

Jonsdottir, Sigridur, *et al.* "Safety profile of a virus-like particle-based vaccine targeting self-protein interleukin-5 in horses." *Vaccines* 8.2 (2020): 213.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.