

Rabbit Anti-Swine IL-10 Polyclonal Antibody

Cat. No.: VD10H43

Product Type: Animal-targeted Antibodies

Size: 0.1 mg; 0.5 mg; 1 mg

Product Overview

O13H43 polyclonal antibody is specific for Swine Interleukin-10 (IL-10). It was purified from whole serum by affinity chromatography. It can be applied for ELISA.

Specifications

Application	ELISA
Clonality	Polyclonal Antibody
Classification	Primary Antibody
Clone	O13H43
Host	Rabbit
Target Species	Swine
Species Reactivity	Swine
Specificity	Swine IL-10
Isotype	IgG
Immunogen	Recombinant swine interleukin-10
Purification	Affinity chromatography Purified
Purity	≥ 90% (SDS-PAGE)
Concentration	1.0 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium azide (NaN ₃)
Buffer	Phosphate buffered saline
Physical State	Liquid

Target Information

Interleukin-10 (IL-10) is an anti-inflammatory cytokine that maintains the balance of the immune response, allowing the clearance of infection while minimizing damage to the host. IL-10 mRNA expression in swine was previously found only in term placenta and in 30 dg placenta. IL-10 plays an important role in inhibiting proinflammatory responses of both innate and adaptive immune cells.

Target	Swine IL-10
Target Synonym	CSIF; IL10
Gene ID	397106
UniProt ID	Q29055

Shipping and Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at 2-8°C on receipt (up to 12 months).

User Note

DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

Reference

Kruse, Robert, *et al.* "Blood concentrations of the cytokines IL-1beta, IL-6, IL-10, TNF-alpha and IFN-gamma during experimentally induced swine dysentery." *Acta Veterinaria Scandinavica* 50 (2008): 1-7.

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.