

Rabbit Anti-Mouse Acid Phosphatase 5 Tartrate Resistant (ACP5) Polyclonal Antibody

Cat. No.: VD2N151

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for mouse acid phosphatase 5 tartrate resistant. It is affinity purified by protein A. It can be applied to WB, IHC, ICC and IP assays of mouse acid phosphatase 5 tartrate resistant.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	A16N58
Host	Rabbit
Target Species	Mouse
Species Reactivity	Mouse
Specificity	Mouse Acid Phosphatase 5 Tartrate Resistant
Isotype	IgG
Immunogen	Recombinant protein of mouse acid phosphatase 5 tartrate resistant
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

Mouse acid phosphatase 5, tartrate-resistant (ACP5) is a lysosomal enzyme involved in bone resorption and immune responses. It is predominantly expressed in osteoclasts, where it contributes to the dissolution of bone mineral. ACP5 is also found in macrophage

ges and dendritic cells, playing a role in antigen processing and immune cell activation. Its activity is essential for maintaining bone homeostasis and supporting immune functions.

Target	Mouse Acid Phosphatase 5 Tartrate Resistant
Target Synonym	TRAP; TrATPase; Tartrate Resistant Acid Phosphatase; Type 5 acid phosphatase
Gene ID	11433
UniProt ID	Q05117

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.

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.