

Datasheet for ABIN636644
anti-RELM alpha antibody



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1 Publication

Overview

Quantity:	50 µg
Target:	RELM alpha
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RELM alpha antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Blocking Antibody (Inhibition)

Product Details

Immunogen:	RELM alpha antibody was raised in rabbit using highly pure recombinant murine RELMa as the immunogen.
Purification:	Purified

Target Details

Target:	RELM alpha
Abstract:	RELM alpha Products
Background:	RELM-alpha belongs to a unique family of tissue-specific cytokines termed FIZZ (found in inflammatory zone) and RELM. The three known members of this family, Resistin, RELM-alpha and RELM-beta are 85-94 amino acid secreted proteins sharing a conserved C-terminal domain characterized by 10 cysteine residues with a unique spacing motif of C-X11-C-X8-C-X-C-X3-C-X10-C-X-C-X-C-X9-C-C. RELM-alpha and Resistin are secreted exclusively by adipocytes while

Target Details

RELM-beta is expressed in the epithelium of the colon and small bowel. The physiological role and molecular targets of RELM-alpha re still unknown.

Molecular Weight: 10.0 kDa (predicted detection band MW)

Application Details

Application Notes: Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: Lot specific

Buffer: Lyophilized from PBS, pH 7.2.

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at -20 °C until reconstitution. Following reconstitution product may be stored at 4 °C in the short term. For long term storage aliquot and freeze at -20 °C.

Publications

Product cited in: Wang, Ismahil, Zhu, Rokosh, Hamid, Zhou, Pogwizd, Prabhu: "CD206+IL-4Rα+ Macrophages Are Drivers of Adverse Cardiac Remodeling in Ischemic Cardiomyopathy." in: **Circulation**, Vol. 152, Issue 4, pp. 257-273, (2025) ([PubMed](#)).