

AIMP1 Antibody

Aminoacyl tRNA Synthetase Complex-Interacting Multifunctional Protein 1, Mouse Anti Human
ABM0023

Product Overview

Name AIMP1 Antibody

Description

Aminoacyl tRNA Synthetase Complex-Interacting Multifunctional Protein 1, Mouse Anti Human

Synonyms

Aminoacyl tRNA synthase complex-interacting multifunctional protein 1, Multisynthase complex auxiliary component p43, AIMP1, EMAP2, SCYE1, p43, EMAP2.

Introduction

AIMP1 (EMPA2 or p43) is a cytokine that is specifically induced by apoptosis, and it is involved in the control of angiogenesis, inflammation, and wound healing. The release of the AIMP1 cytokine renders the tumor-associated vasculature sensitive to tumor necrosis factor. Furthermore, AIMP1 is involved in the stimulation of inflammatory responses after proteolytic cleavage in tumor cells.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The AIMP1 solution (0.25mg/ml) 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 2mM DTT and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.

Purity

Greater than 85.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SGLVPRGSH MLPAAVAVSEP VVLRFMIFCR LLAKMANNDA VLKRLKQKGA EADQIIIEYLK
QQVSLKKEKA ILQATLREEK KLRVENAKLK KEIEELKQEL IQAEIQNGVK QIPFPGTPL HANSMVSENV
IQSTAVTTVS SGTKEQIKGG TGDEKKAKEK IEKKGEKKEK KQQSIAGSAD SKPIDVSRDL LRIGCIITAR
KHPDADSLYV EEVDVGEIAP RTVVSGLVNH VPLEQMQRNM VILLCNLKPA KMRGVLQSQAM VMCASSPEKI
EILAPPNGSV PGDRITDAF PGEPDKELNP KKKIWEQIQP DLHTNDECVA TYKGVPFVEVK GKGVCRAQTM

SNSGIK.

Precautions

AIMP1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.