



A Reliable Research Partner in Life Science and Medicine

AIMP1/EMAP II Monoclonal Antibody

catalog number: AN200183P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human

Immunogen Recombinant Human AIMP1/EMAP II Protein

 Host
 Mouse

 Isotype
 IgG1

 Clone
 A1035

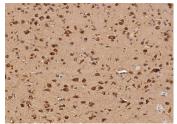
 Purification
 Protein A

Buffer 0.2 μm filtered solution in PBS

Applications Recommended Dilution

IHC-P 1:20-1:80

Data



Immunohistochemistry of paraffin-embedded human brain using AIMP1/EMAP II Monoclonal Antibody at dilution of

1:30.

Preparation & Storage

Storage This antibody can be stored at 2°C-8°C for one month without detectable loss of

activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Shipping Ice bag

Background

The protein encoded by this gene 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 this cytokine renders the tumor-associated vasculature sensitive to tumor necrosis factor. The precursor protein is identical to the p43 subunit, which is associated with the multi-tRNA synthetase complex, and it modulates aminoacylation activity of tRNA synthetase in normal cells. This protein is also involved in the stimulation of inflammatory responses after proteolytic cleavage in tumor cells. Multiple transcript variants encoding different isoforms have been found for this gene. A pseudogene has been identified on chromosome 20.

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