

ICEBERG 蛋白抗体

产品货号： mlR18119

英文名称： ICEBERG

中文名称： ICEBERG 蛋白抗体

别名： CAR18_HUMAN; CARD18; Caspase 1 inhibitor Iceberg; Caspase recruitment domain family member 18; Caspase recruitment domain-containing protein 18; Caspase-1 inhibitor Iceberg; ICEBERG caspase 1 inhibitor; Pseudo ICE; UNQ5804; UNQ5804/PRO19611.

研究领域： 细胞生物 细胞凋亡

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 10kDa

细胞定位： 细胞浆

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human ICEBERG:31-80/90

亚型： IgG

纯化方法： affinity purified by Protein A

储存液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed： PubMed

产品介绍： ICEBERG is a member of the death-domain-fold superfamily that is induced by proinflammatory stimuli. Primarily expressed in the heart and placenta, ICEBERG inhibits the generation of IL-1 β which blocks apoptosis during an inflammatory stimulus. ICEBERG inhibits IL-1 beta by associating with caspase-1, thereby preventing caspase-1 from interacting with the pro-apoptotic protein RIP2. The association of ICEBERG with caspase-1 is facilitated by the charge-charge interactions between the prodomain of caspase-1 and the surface charge of ICEBERG. The association of caspase-1 with RIP2 will inhibit apoptosis by generating IL-1 beta. However, the association of caspase-1, which serves both pro and antiapoptotic roles, with ICEBERG induces apoptosis by inhibiting the generation of IL-1 β .

Function:

Inhibits generation of IL-1-beta by interacting with caspase-1 and preventing its association with RIP2. Down-regulates the release of IL1B.

Subunit:

Interacts with pro-CASP1. Interacts with CARD8.

Tissue Specificity:

Primarily expressed in the heart and placenta.

Similarity:

Contains 1 CARD domain.

SWISS:

P57730

Gene ID:

59082

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.