

**Product:** Anti-IL-1RAcP(C2)  
**Catalog #:** 12-2129  
**Amount:** 25 mg

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**CATEGORY:**  
**DESCRIPTION:**

**Rabbit** Polyclonal

The pro-inflammatory cytokine IL-1 induced cellular response requires two subunits of its receptor, IL-1 receptor I (IL-1RI) and IL-1 receptor accessory protein (IL-1RAcP). IL-1RAcP forms a complex with IL-1RI in response to IL-1 treatment. The IL-1 receptor-associated kinase (IRAK), which mediates activation of NF- $\kappa$ B inducing kinase (NIK) and of NF- $\kappa$ B, recruits to the IL-1R complex through IL-1RAcP. IL-1 activation of stress-activated protein kinase and of acid sphingomyelinase also requires IL-1RAcP. Like IL-1RI, IL-1RAcP subunit is essential for IL-1 mediated cellular response. IL-1RAcP is expressed in many tissues.

**FORM:**  
**IMMUNOGEN:**

Purified Ig Fraction in PBS containing 0.02% Sodium Azide  
A peptide corresponding to amino acids 525 to 540 of human IL-1RAcP, which is identical to those of mouse and rat origins.

**APPLICATION:**  
**REACTIVITY/SPECIES:**

Immunoblotting (min. dilution 1:500)  
Human, mouse, rat, and has no cross reactivity to others members in IL-1 receptor family.

**RECOMMENDED FOR**  
**POSITIVE CONTROL:**  
**STORAGE:**

whole lysate from HeLa cells (66 kDa band can be detected)  
2-8°C for immediate use, or at -20°C (aliquot)

**12-2129-1 Blocking peptide available**

**REFERENCES:**

Huang, J. et al. (1997) Proc Natl Acad Sci USA **94**: 12829-12832  
Wesche, H. et al. (1997) J Biol Chem **272**: 7727-7731  
Hofmeister, R. et al. (1997) J Biol Chem **272**: 27730-27736

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