

## Rat Monoclonal Antibody to phospho-NLRC4(Ser-533)

**Catalogue Number** sAP-1280

**Target Molecule** **Name:** Rat Monoclonal Antibody to phospho-NLRC4(Ser-533)

**Aliases:** CLAN; IPAF; CLAN1; CLANA; CLANB; CLANC; CLAND; Card12; 9530011P19Rik

**MW:** 116.7kDa

**Entrez Gene ID:** 268973

**Description** NLRC4 is a cytosolic NOD (nucleotide binding and oligomerization domain)-like receptor (NLR) that can trigger inflammasome formation in response to bacterial flagellin, an immunodominant antigen in the intestine.;

**Immunogen** Synthesized peptide of mouse phospho-NLRC4(Ser-533) (AA: 525-538) expressed in E. Coli.

**Recitative Species** Human; Mouse;

**Clone** MM4B7B7;

**Size and Concentration** 100µg/1mg/ml

**Supplied as** Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide

**Reconstitution/Storages** Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage

**Applications** ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: 1 to 200 - 1 to 1000; FCM:

**Shipping** Regular FEDEX overnight shipment (ambient temperature)

**Reference** 1.Mucosal Immunol. 2014 Jul;7(4):775-85. ; 2.Mucosal Immunol. 2012 May;5(3):288-98. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**