

For Research Use Only

Anti-Mouse IL-28A Rabbit Recombinant Antibody, PBS Only (Capture)

Catalog Number: 98388-1-PBS



Basic Information

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| Catalog Number: 98388-1-PBS | GenBank Accession Number: NM_001024673.2 | Purification Method: Protein A purification |
| Size: 1mg, 2 mg/ml | GeneID (NCBI): 330496 | CloneNo.: 242247E2 |
| Source: Rabbit | UNIPROT ID: Q4VK74 | |
| Isotype: IgG | Full Name: interleukin 28A | |
| Immunogen Catalog Number: EG3169 | Calculated MW: 22 kDa | |

Applications

Tested Applications:
FC, Cytometric bead array, Indirect ELISA

Species Specificity:
mouse

Product Information

98388-1-PBS targets IL-28A as part of a matched antibody pair:

MP01988-2: 98388-1-PBS capture and 85590-3-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Background Information

IL28A, also named as IFNL2 and ZCYT020, is a cytokine with immunomodulatory activity. It up-regulates MHC class I antigen expression. IL28A is a ligand for the heterodimeric class II cytokine receptor composed of IL10RB and IFNLR1. The ligand/receptor complex seems to signal through the Jak-STAT pathway. It plays a significant role in the antiviral immune defense in the intestinal epithelium.

Storage

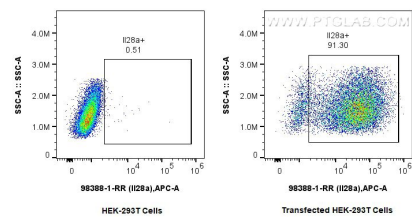
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

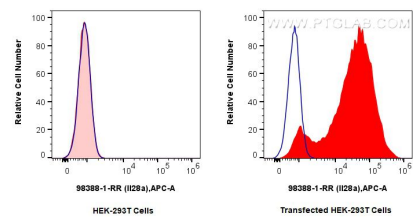
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

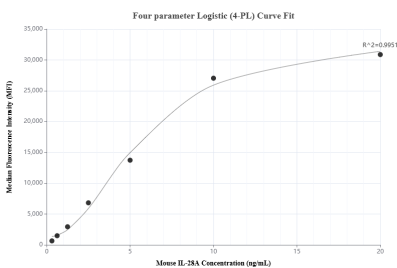
Selected Validation Data



1x10⁶ HEK-293T cells(left) and IL28a-transfected HEK-293T cells(right) were stained with 0.25 ug Anti-Mouse IL-28A Rabbit RecAb (98388-1-RR, Clone:242247E2) and APC-Conjugated Goat Anti-Rabbit IgG(H+L).Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 98388-1-PBS in a different storage buffer formulation.



1x10⁶ HEK-293T cells(left) and IL28a-transfected HEK-293T cells(right) were stained with 0.25 ug Anti-Mouse IL-28A Rabbit RecAb (98388-1-RR, Clone:242247E2) (red), or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue) and APC-Conjugated Goat Anti-Rabbit IgG(H+L).Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 98388-1-



Cytometric bead array standard curve of MP01988-2, MOUSE IL-28A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 98388-1-PBS. Detection antibody: 85590-3-PBS. Standard: Eg3169. Range: 0.313-20 ng/mL