

PE anti-human IL-28RA

Catalog # / Size: 2289015 / 25 tests
2289020 / 100 tests

Clone: MHLICR2a

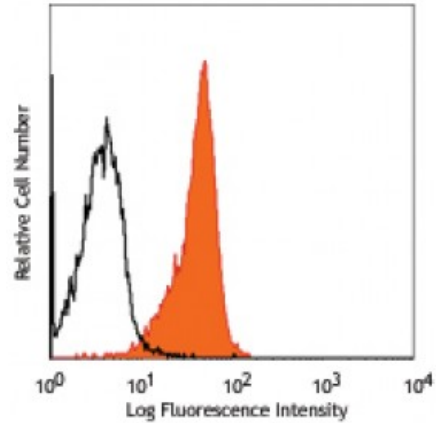
Isotype: Mouse IgG2a, κ

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).

Concentration: Lot-specific



Human IL-28RA transfected BW5178 cells stained with MHLICR2a PE.

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. **Test size products are transitioning from 20 microL to 5 microL per test.** Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 microL staining volume or per 100 microL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Dumoutier L, *et al.*. 2004. *J. Bio. Chem.* 279:32269

Description: The IL-28RA, also known as IFNLR1, CRF-2-12, and LICR2, is a 57kD single-pass type I membrane glycoprotein containing one fibronectin III domain. Widely expressed in many tissue types, IL-28RA and IL-10RB dimerize to form the class II cytokine receptor for IL-28A (IFNλ2), IL-28B (IFNλ1) and IL-29 (IFNλ3), also known as the type III interferons. Like type I interferons, the type III interferons have been shown to activate the Jak-STAT and MAPK signalling pathways and exhibit antiviral activity.

Antigen References: 1. Renauld *et al.* *J. Nature reviews Imm.* 2003 3:667.
2. Sheppard P *et al.* *Nature Imm.* 2003 4:63.
3. Zhou Z *et al.* *J. Virol.* 2007 81:7749.