

APC anti-human CD288 (TLR8)

Catalog # / 2577525 / 25 tests
Size: 2577530 / 100 tests

Clone: S16018A

Isotype: Mouse IgG2a, κ

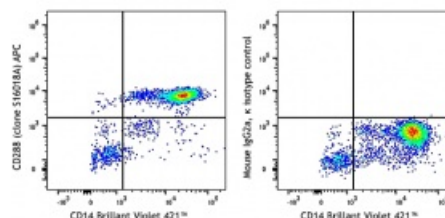
Immunogen: Human TLR8-transfected cells

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography and conjugated with APC under optimal conditions. The solution is free of unconjugated APC 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 peripheral blood monocytes were stained with CD14 Brilliant Violet 421™, treated with Fixation Buffer (Cat. No. 2704005) and Intracellular Staining Permeabilization Wash Buffer (Cat. No. 2705010), and then stained with CD288 (TLR8) (clone S16018A) APC (left) or mouse IgG2a, κ APC isotype control (right).

Applications:

Applications: Intracellular Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by intracellular immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is 5 μ l per million cells in 100 μ l staining volume or 5 μ l per 100 μ l of whole blood.

Application References:

Description: Toll-like receptor (TLR) 8, also known as CD288, is a 83 kDa, type 1 transmembrane protein, member of the TLR receptor family. TLR8 is expressed intracellularly in monocytes, macrophages and myeloid dendritic cells, and plays an important role in the innate immune response by binding single-stranded RNA (ssRNA). TLR8 triggers anti-viral responses promoting the secretion of proinflammatory cytokines such as IL-12 and TNF.

Antigen

References:

1. Lood C, *et al.* 2017. *J Exp Med.* 214:2103.
2. Prinz N, *et al.* 2011. *Blood.* 118:2322.
3. Gringhuis SI, *et al.* 2010. *Nat Immunol.* 11:419.
4. Cros J, *et al.* 2010. *Immunity.* 33:375.
5. Peng G, *et al.* 2005. *Science.* 309:1380.