

PE/Cy7 anti-human MRGX2

Catalog # / Size: 2395035 / 25 tests

Clone: K125H4

Isotype: Mouse IgG2b, κ

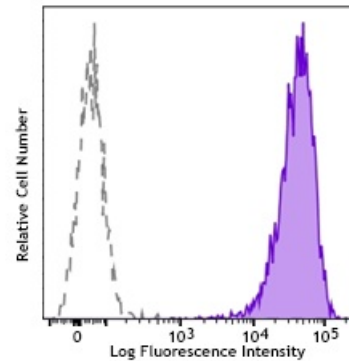
Immunogen: DNA vaccine containing the full length gene of human MRGX2

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography and conjugated with PE/Cy7 under optimal conditions. The solution is free of unconjugated PE/Cy7 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 MRGX2 transfected CHO cells were stained with MRGX2 (clone K125H4) PE/Cy7 (filled histogram) or Mouse IgG2b, κ PE/Cy7 isotype control (open histogram).

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is 5 μ l per million cells or 5 μ l per 100 μ l of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

- Application References:**
1. Subramanian H, *et al.* 2013. *J. Immunol.* 191:345.
 2. Subramanian H, *et al.* 2011. *J. Biol. Chem.* 286:44739.
 3. Yang S, *et al.* 2005. *Gene.* 352:30.
 4. Robas N, *et al.* 20

Description: MRGX2 (Mas-related G-protein coupled receptor member X2) is a 36 kD, seven transmembrane protein expressed on mast cells and sensory neurons from the dorsal root ganglia. MRGX2 is involved in mast cell-degranulation, and may regulate the function and development of sensory neurons. Originally described as an orphan receptor, it has been reported MRGX2 binds defensins and costistatin.

- Antigen References:**
1. Subramanian H, *et al.* 2013. *J. Immunol.* 191:345.
 2. Subramanian H, *et al.* 2011. *J. Biol. Chem.* 286:44739.
 3. Yang S, *et al.* 2005. *Gene.* 352:30.
 4. Robas N, *et al.* 2003. *J. Biol. Chem.* 278:44400.