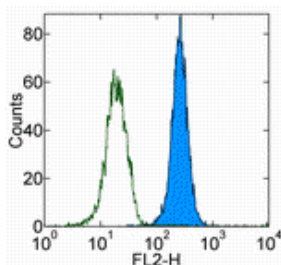


Anti-Human CD155 PE

Catalog Number: 12-1550

Also Known As: PVR, Polio Virus Receptor

RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of the U937 cell line with Mouse IgG1 kappa Isotype Control PE (cat. 12-4714) (open histogram) or Anti-Human CD155 PE (filled histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Human CD155 PE

REF **Catalog Number:** 12-1550

Clone: 2H7CD155

Concentration: 5 µL (2 µg)/test

Host/Isotype: Mouse IgG1

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

 **Temperature Limitation:** Store at 2-8°C. Do not freeze. Light sensitive material.

LOT **Batch Code:** Refer to Vial

 **Use By:** Refer to Vial

 **Caution, contains Azide**

Description

The monoclonal antibody 2H7CD155 recognizes CD155 also known as the poliovirus receptor. The CD155 protein is a member of the Ig superfamily in which 4 isoforms exist; only the α and δ forms are expressed on the membrane of monocytes and prostate cancer cells and neuroectodermal and monocytic tumor cells lines. In addition CD155 is found during mid-gastrulation during embryonic development. CD155 is thought to play a role in adhesion by interaction with the ECM component vitronectin as well as a role in NK killing of tumor cells. CD226 and CD96 are ligands for CD155. Blocking of CD155 is under therapeutic investigation for prevention of variants of poliovirus.

Applications Reported

This 2H7CD155 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This 2H7CD155 antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells or human tumor cell line U937. This can be used at 5 µL (2 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test.

References

Suzuki K, Nakamura K, Kato K, Hamada H, Tsukamoto T. Exploration of target molecules for prostate cancer gene therapy. Prostate. 2007 Aug 1;67(11):1163-73. (2H7CD155, FC, IP PubMed)

Related Products

12-4714 Mouse IgG1 K Isotype Control PE (P3.6.2.1)

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