

## CD71 Antibody (FITC)

Catalogue No.: abx200446

Human Transferrin Receptor which is expressed on proliferating lymphoblasts, majority human tumour cell lines, normal peripheral blood monocytes. The CD71 antibody in routine is used along with the glycophorin A to develop a flow-cytometric approach to the evaluation of erythroid and myeloid dysplasia in patients with Myelodysplastic Syndromes (MDS)<sup>1</sup>. Another of the applications of the CD71 antibody, is the recount of reticulocytes<sup>2</sup>, immature red corpuscles, without nucleus, that contain ribonucleic acid (RNA). In peripheral blood, they delay approximately a day in losing their RNA and to become erythrocytes. Its recount provides information on the production of erythrocytes.

**Target:** CD71

**Reactivity:** Human

**Host:** Mouse

**Clonality:** Monoclonal

**Tested Applications:** FCM

**Recommended dilutions:** FCM: 20 µl/1 million cells. Optimal dilutions/concentrations should be determined by the end user.

**Immunogen:** Human TFRC.

**Purification:** Affinity Chromatography

**Form:** Liquid

**Isotype:** IgG<sub>1</sub>

**Conjugation:** FITC

**Specificity:** Human Transferrin Receptor which is expressed on proliferating lymphoblasts, majority human tumour cell lines, normal peripheral blood monocytes. The CD71 antibody in routine is used along with the glycophorin A to develop a flow-cytometric approach to the evaluation of erythroid and myeloid dysplasia in patients with Myelodysplastic Syndromes (MDS)

**Storage:** Store in the dark at 2-8 °C.

**Molecular Weight:** 91 kDa

**Swiss Prot:** [P02786](#)

**GeneID:** [7037](#)

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**Buffer:** The reagent is provided in aqueous buffered solution containing protein stabilizer, and  $\leq 0.09\%$  sodium Azide

**Note:** This product is for research use only.