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# 30-1230-APC: Anti-Hu CD71 APC

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| **Clonality :** | Monoclonal |
| **Clone Name :** | MEM-189 |
| **Application :** | FC (QC tested) |
| **Reactivity :** | Human |
| **Gene :** | TFRC |
| **Gene ID :** | 7037 |
| **Uniprot ID :** | P02786 |
| **Format :** | APC |
| **Alternative Name :** | TfR1, TfR, TR, Trfr, T9, p90, TFRC |
| **Isotype :** | Mouse IgG1 |
| **Immunogen Information :** | KG1 human acute myelogenous leukaemia cell line |

## Description

The antibody MEM-189 reacts with an extracellular epitope on CD71 antigen (transferrin receptor), a 95 kDa type II homodimeric transmembrane glycoprotein expressed on activated B and lymphocytes, macrophages and erythroid precursors; it is lost on resting blood leukocytes. The antibody MEM-189 does not block binding of transferrin to the receptor.

## Product Info

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| **Amount :** | 100 Tests (T100) |
| **Purification :** | Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography. |
| **Content :** | Concentration:-<br>Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide |
| **Storage condition :** | Store at 2-8 degree C. Protect from prolonged exposure to light. Do not freeze. |

## Application Note

Flow cytometry: The reagent is designed for analysis of human blood cells using 10 ul reagent / 100 ul of whole blood or $10^6$ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***