

## CD45 (CF-10H5)

Type	Size	Catalog number
Unconjugated	100µg	108601
	500µg	108603
FITC	25 tests	108614
	100 tests	108615
	200 tests	108616

<b>Antigen:</b>	CD45
<b>Immunogen:</b>	IL-2-driven T cell lines from patients' blood with high numbers of gamma delta T cells
<b>Host/Isotype:</b>	Mouse, IgG1,κ
<b>Reactivity:</b>	Human
<b>Purity:</b>	>90% pure tested via polyacrylamide gel electrophoresis (PAGE)
<b>Formulation:</b>	PBS, pH7.2, 0.09%NaN <sub>3</sub> (unconjugated)
<b>Storage:</b>	Store at 2-8°C and protected from prolonged exposure to light. <b>Do not freeze.</b>
<b>Applications:</b>	Flow Cytometry

### Application Information

Each lot of this antibody has been quality control tested by flow cytometric analysis of human PBMCs. For flow cytometric staining, the recommended use of this antibody is  $\leq 0.5\mu\text{g}$  per  $1 \times 10^6$  cells in 100µl of staining volume followed by any fluorescent conjugated anti-mouse secondary antibody. It is strongly suggested that the antibody reactivity be empirically titrated for optimal performance in the application of interest.

### Antigen Information

The CF-10H5 recognizes cell surface glycoprotein antigen having molecular weight 190kDa to 215kDa known as CD45. The CD45 antigen is present on all human leukocytes including lymphocytes, monocytes, granulocytes, eosinophils, and basophils in peripheral blood. The antigen plays important role in signal transduction and modifying signals from other surface molecules.

### References

1. Dalchau R, et al. 1980. Eur J Immunol. 10:737.
2. Norwitz E.R, et al. 1992. Obstet Gynecol. 80:440.
3. Salter D.M, et al. 1985. J Pathol. 146:345.

### Terms and Conditions

This product is for research use only (RUO) and not intended for diagnostic testing.