

**CD30 (BY88)**

Type	Size	Catalog number
Unconjugated	100µg	122101
	500µg	122103
FITC	25 tests	122114
	100 tests	122115
	200 tests	122116

<b>Antigen:</b>	CD30
<b>Immunogen:</b>	Recombinant human CD30 boosted with THP-1 cell line
<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, Biotin) PBS, pH7.2, 0.09% NaN <sub>3</sub> and 0.2% (w/v) BSA (conjugated)
<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 these antibodies has been pre-titrated and tested by flow cytometric analysis of PMA stimulated H9 cells such that 0.5µg (unconjugated, Biotin) or 5µl (conjugated) of these products are sufficient for staining 1 million cells in a 100µl staining volume or 100µl of whole blood. It is recommended to titrate antibody reactivity empirically for optimal performance.

**Antigen Information**

The clone BY88, a mouse monoclonal antibody specifically recognizes a human 120-kDa type I surface glycoprotein antigen known as CD30. It is a member of TNF receptor superfamily. Expression of CD30 is noticed on the activated T, B, NK cells and in patients with Hodgkin's and non-Hodgkin's diseases, T-cell leukemia and embryonic carcinomas.

**References**

1. Durkop H, et al. 1992. *Cell*. 68:421.
2. Stein H, et al. 1985. *Blood*. 66:848.
3. Chiarle R, et al. 1999. *Clin Immunol*. 90:157

**Terms and Conditions**

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