

FUJIFILM

Wako

Code No. 011-27773 (100 μ L)

Anti CD81, Monoclonal Antibody (17B1)

The 17B1 monoclonal antibody specifically binds to CD81, which is 26 kDa cell surface protein and is known as TAPA-1 (Target of the Antiproliferative Antibody 1) and Tetraspanin-28 (Tspan-28). CD81 interacts directly with immunoglobulin superfamily member 8 (IGSF8, CD316) and CD36 and forms a signal transduction complex with CD19, CD21 and Leu-13 (CD225) on the surface of B cell. In addition, on T cells CD81 associates with CD4 and CD8 and provides a costimulatory signal with CD3.

This product is intended for laboratory use only.

【Concentration】

Indicated on product label.

【Formulation】

1 \times TBS aqueous solution with 50% glycerol, 0.05 w/v% sodium azide, pH 7.4

【Clone No.】

17B1

【Cross Reactivity】

Human/Bovine CD81

Note : This antibody does not recognize mouse and rat CD81.

【Subclass】

IgG2b

【Application】

Western blotting ^{※1}	1 : 1,000 – 1 : 8,000 (under non-reducing condition)
ELISA	1 : 2,000 – 1 : 16,000
Flow Cytometry	1 : 250 – 1 : 1,000
Immunoprecipitation	5 – 50 μ g/assay

Please optimize the most appropriate concentration for your analysis and samples.

※ 1 Use this antibody under non-reducing condition.

【Storage】

Store at -20°C.

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