

FUJIFILM**Wako**Code No. 014-28221 (20 μ L)
010-28223 (100 μ L)**Anti CD81, Rat Monoclonal Antibody (9B)**
抗 CD81, ラットモノクローナル抗体(9B)

The 9B rat 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.

Anti CD81, Rat Monoclonal Antibody (9B) is established against human CD81 with Rat.

This product is intended for laboratory use only.

【Concentration】

Indicated on the label.

【Formulation】

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

【Clone No.】

9B

【Cross Reactivity】

Human CD81

Note : This antibody doesn't recognize the mouse and rat CD81, but slightly recognize bovine CD81.

【Host】

Rat

【Subclass】

IgG2b

【Application】

Western Blot 1 : 1,000 - 1 : 8,000 (Under non-reducing conditions)

ELISA (detection) 1 : 2,000 - 1 : 16,000

Flow cytometry 1 : 200 - 1 : 2,000

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

【Storage】

Store at -20°C.

【Package】

Code No.	Packaging
014-28221	20 μ L
010-28223	100 μ L

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