

For Research Use Only.
Not for use in diagnostic procedures.

Anti-His-tag mAb-Biotin

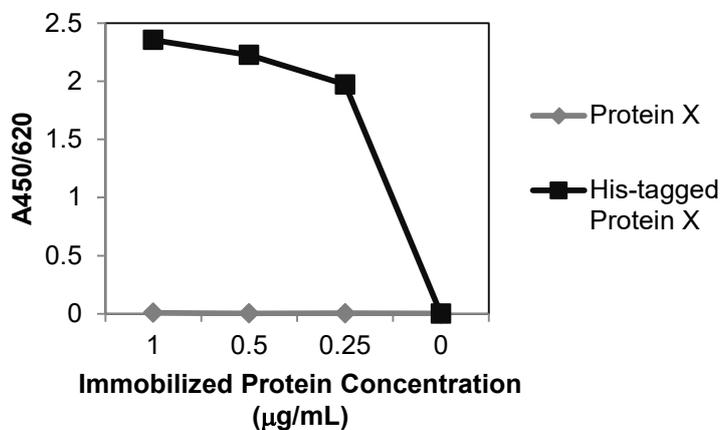
CODE No.	D291-6
CLONALITY	Monoclonal
CLONE	OGHis
ISOTYPE	Mouse IgG2a κ
QUANTITY	50 μ L, 1 mg/mL
SOURCE	Purified IgG from hybridoma supernatant
IMMUNOGEN	6xHis tagged protein
FORMULATION	1 mg/mL in PBS (pH 7.2) containing 1% BSA and 0.09% NaN ₃ *Azide may react with copper or lead in plumbing system to form explosive metal azides. Therefore, always flush plenty of water when disposing materials containing azide into drain.
STORAGE	This antibody solution is stable for one year from the date of purchase when stored at 4°C.
APPLICATION-CONFIRMED	
<u>ELISA</u>	0.25-1 μ g/mL

For more information, please visit our web site <https://ruo.mbl.co.jp/>.

The descriptions of the following protocols are examples. Each user should determine the appropriate condition.

ELISA

- 1) Add 100 μL /well of antigen solution in PBS to the 96-well plate. Incubate overnight at 4°C.
- 2) Add 200 μL /well of 5% BSA in PBS. Incubate overnight at 4°C.
- 3) Add 100 μL /well of primary antibody diluted with PBS as suggested in the **APPLICATION** for 1 hour at room temperature.
(The concentration of antibody will depend on the conditions.)
- 4) Wash the plate with PBS-T [0.05% Tween-20 in PBS] (4 times).
- 5) Add 100 μL /well of 1:50,000 diluted HRP-conjugated streptavidin in PBS. Incubate for 1 hour at room temperature.
- 6) Wash the plate with PBS-T (4 times).
- 7) Add 100 μL /well of substrate solution (ex. TMB). Incubate for appropriate time at room temperature.
- 8) Add 100 μL /well of stop solution (ex. 1 M H_2SO_4).
- 9) Read absorbance at 450 nm.



ELISA for measurement of His-tagged protein