

### 30-2889-HRP: Anti-Biotin Monoclonal Antibody(1D4-C5)-HRP Conjugated

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	1D4-C5
<b>Application :</b>	ELISA,FACS
<b>Conjugate :</b>	HRP
<b>Alternative Name :</b>	vitamin H, vitamin B7
<b>Isotype :</b>	Mouse IgG2a kappa
<b>Immunogen Information :</b>	biotinylated limulus hemocyanin

#### Description

Specificity: Mouse monoclonal antibody 1D4-C5 recognizes biotin and can be used as a second-step reagent for detecting biotinylated antigens.

#### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified antibody is conjugated with activated horseradish peroxidase (HRP) of high specific enzyme activity under optimum conditions and unconjugated antibody and free HRP are removed by size-exclusion chromatography.
<b>Content :</b>	Concentration: 0.2 mg/ml Formulation: Stabilizing phosphate buffered saline (PBS), pH 7.4, 0.01% thimerosal
<b>Storage condition :</b>	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

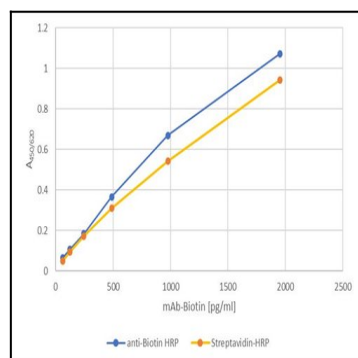


Figure 1: ELISA analysis of biotin by mouse monoclonal antibody 1D4-C5 and Streptavidin. MaxiSorp plate was coated with biotin-labeled monoclonal antibody, then blocked with BSA, and incubated with dilution series of anti-biotin HRP conjugated primary antibody and HRP conjugated Streptavidin for comparison. Colorimetric detection was performed using TMB substrate and absorbance was measured at 450 nm.