

## Technical Data Sheet

**Biotin Mouse Anti-Pig IgM****Product Information**

<b>Material Number:</b>	552550
<b>Size:</b>	0.2 mg
<b>Concentration:</b>	0.5 mg/ml
<b>Clone:</b>	F008-2005
<b>Immunogen:</b>	Purified pig IgM
<b>Isotype:</b>	Mouse (BALB/c) IgG1, $\kappa$
<b>Reactivity:</b>	QC Testing: Pig
<b>Storage Buffer:</b>	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

**Description**

The F008-2005 antibody reacts with pig IgM, but not with pig IgG. It does not cross-react with mouse, rat, hamster, rabbit, or dog immunoglobulins.

**Preparation and Storage**

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography. The antibody was conjugated with biotin under optimum conditions, and unreacted biotin was removed. Store undiluted at 4° C and protected from prolonged exposure to light. Do not freeze.

**Application Notes****Application**

ELISA Detection	Routinely Tested
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**Recommended Assay Procedure:**

We recommend using the purified anti-pig IgM F008-1629 mAb (Cat. No. 552551) for capture in pig IgM sandwich ELISA in combination with biotinylated F008-2005 mAb for detection.

**Suggested Companion Products**

Catalog Number	Name	Size	Clone
552551	Purified Mouse Anti-Pig IgM	0.5 mg	F008-1629

**Product Notices**

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Please refer to [www.bdbiosciences.com/pharmingen/protocols](http://www.bdbiosciences.com/pharmingen/protocols) for technical protocols.
3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.

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