Technical Data Sheet

Purified Mouse Anti-Pig IgM

Product Information

Material Number:	**552551**
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	F008-1629
Immunogen:	Purified pig IgM
Isotype:	Mouse (BALB/c) IgG1, κ
Reactivity:	QC Testing: Pig
Storage Buffer:	Aqueous buffered solution containing ≤0.09% sodium azide.

Description

The F008-1629 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.
Store undiluted at 4° C.

Application Notes

Application

ELISA Capture	Routinely Tested

Recommended Assay Procedure:
We recommend using the purified F008-1629 mAb for capture in pig IgM sandwich ELISA in combination with biotinylated anti-pig IgM F008-2005 mAb (Cat. No. 552550) for detection.

Suggested Companion Products

Catalog Number	Name	Size	Clone
552550	Biotin Mouse Anti-Pig IgM	0.2 mg	F008-2005

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 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.
4. Sodium azide is a reversible inhibitor of oxidative metabolism; therefore, antibody preparations containing this preservative agent must not be used in cell cultures nor injected into animals. Sodium azide may be removed by washing stained cells or plate-bound antibody or dialyzing soluble antibody in sodium azide-free buffer. Since endotoxin may also affect the results of functional studies, we recommend the NA/LE (No Azide/Low Endotoxin) antibody format, if available, for in vitro and in vivo use.

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