

Technical Data Sheet

Purified Mouse IgA, κ (b allotype) Isotype Control**Product Information**

Material Number:	550924
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	MOPC-320
Isotype:	Mouse (C.B6) IgA, κ
Storage Buffer:	Aqueous buffered solution containing ≤0.09% sodium azide.

Description

The MOPC-320 antibody has unknown specificity. The transplantable plasmacytoma MOPC-320 was induced by intraperitoneal injection of mineral oils into C.B6 mice (homozygous sixth backcross generation of C.B *Igh/b* congenics).

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 Standard	Routinely Tested
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Recommended Assay Procedure:

The MOPC-320 clone is useful as an isotype control. Because the MOPC-320 monoclonal is purified from ascites, it may not be suitable for use as a standard in quantitative ELISA.

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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