

## Technical Data Sheet

**Biotin Mouse Anti-Rat Ig,  $\lambda$  light chain****Product Information**

<b>Material Number:</b>	553920
<b>Size:</b>	0.5 mg
<b>Concentration:</b>	0.5 mg/ml
<b>Clone:</b>	B46-5
<b>Immunogen:</b>	Pooled rat IgG mAbs
<b>Isotype:</b>	Mouse (BALB/c) IgG1, $\kappa$
<b>Reactivity:</b>	QC Testing: Rat Lacks Reactivity Confirmed in Development: Rabbit, Hamster, Guinea Pig, Human
<b>Storage Buffer:</b>	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

**Description**

The B46-5 antibody reacts specifically with rat Igs bearing  $\lambda$  light chain. It does not react with rat Ig  $\kappa$  light chain or heavy chains, nor with rabbit, hamster, guinea pig, or human 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	Routinely Tested
Flow cytometry	Tested During Development

**Product Notices**

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Please refer to [wwwbdbiosciences.com/pharmingen/protocols](http://wwwbdbiosciences.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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