

Technical Data Sheet

HRP Rat Anti-Mouse Ig, κ Light Chain

Product Information

Material Number:	559751
Alternate Name:	Ig kappa chain C region; IGKC; Igk-C; Ig, κ
Size:	1 mL
Clone:	187.1
Immunogen:	Mouse IgG2b κ secreted by MPC-11 plasmacytoma
Isotype:	Rat (SD) IgG1, κ
Reactivity:	QC Testing: Mouse
Storage Buffer:	Aqueous buffered solution containing BSA and ProClin™ 150 as preservative.

Description

The 187.1 monoclonal antibody specifically binds to kappa light chains of mouse immunoglobulins. The 187.1 antibody does not react with mouse λ1 or λ2 immunoglobulin light chains or mouse immunoglobulin heavy chains.

Preparation and Storage

Store undiluted at 4°C and protected from prolonged exposure to light. Do not freeze.

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

The antibody was conjugated with HRP under optimum conditions, and unconjugated antibody and free HRP were removed.

Application Notes

Application

ELISA	Routinely Tested
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Recommended Assay Procedure:

Investigators are encouraged to titrate, with a suggested starting dilution of 1:1000.

Warning: HRP Rat Anti-Mouse Ig, κ Light Chain contains 0.004% (w/w) of a CMIT/MIT mixture (3:1), which is a mixture of 5-chloro-2-methyl-4-isothiazolin-3-one [EC No 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC No 220-239-6] (3:1).

Hazard statements

May cause an allergic skin reaction.

Precautionary statements

Wear protective gloves / eye protection.

Wear protective clothing.

Avoid breathing mist/vapours/spray.

If skin irritation or rash occurs: Get medical advice/attention.

IF ON SKIN: Wash with plenty of water.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. ProClin is a trademark of Rohm and Haas Company.
3. Source of all serum proteins is from USDA inspected abattoirs located in the United States.
4. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.

References

Yelton DE, Desaynard C, Scharff MD. Use of monoclonal anti-mouse immunoglobulin to detect mouse antibodies. *Hybridoma*. 1981; 1(1):5-11. (Immunogen)

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