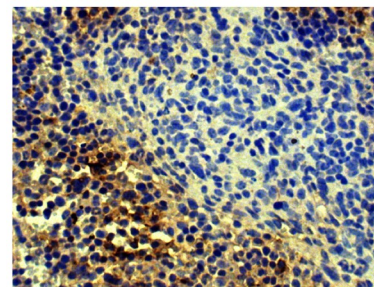




Goat F(ab')₂ Anti-Mouse Kappa

Cat. No.	Format	Size
1052-01	Purified (UNLB)	0.5 mg
1052-05	Horseradish Peroxidase (HRP)	1.0 mL
1052-08	Biotin (BIOT)	0.5 mg
1052-14	Low Endotoxin, Azide-Free (LE/AF)	0.5 mg



Paraffin embedded mouse spleen section was stained with Goat F(ab')₂ Anti-Mouse Kappa-HRP (SB Cat. No. 1052-05) followed by DAB and hematoxylin.

Description

Specificity	Reacts with mouse κ light chains
Source	Pepsin digest of Goat Anti-Mouse Kappa (SB Cat. No. 1050)
Cross Adsorption	Mouse λ light chains; may react with κ light chains from other species

Applications

Quality tested applications include –

ELISA ¹
FC

Other referenced applications include –

IHC-PS ⁸
ELISPOT ¹
Stim ²⁻⁷

Working Dilutions

ELISA	Purified (UNLB) antibody	≤ 1 µg/mL
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000

Other Applications Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.

For Research Use Only. Not for Diagnostic or Therapeutic Use.

Handling and Storage

- The purified (UNLB) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL in a stock solution of 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The low endotoxin, azide-free (LE/AF) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of PBS. Contains no preservative; handle under aseptic conditions. Store at 2-8°C or aliquot into smaller volumes and store at -20°C. Avoid multiple freeze / thaw cycles.
- Reagents are stable for the period shown on the label if stored as directed.

Warning

Some reagents contain sodium azide. Please refer to product specific SDS.

References

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6. Yasuda S, Sun J, Zhou Y, Wang Y, Lu Q, Yamamura M, et al. Opposing roles of IgM and IgD in BCR-induced B-cell survival. *Genes Cells.* 2018;23:868-79. (Stim)
7. Noviski M, Mueller JL, Satterthwaite A, Garrett-Sinha LA, Brombacher F, Zikherman J. IgM and IgD B cell receptors differentially respond to endogenous antigens and control B cell fate. *Elife.* 2018;7:e35074. (Stim)
8. SouthernBiotech published data (IHC-PS)