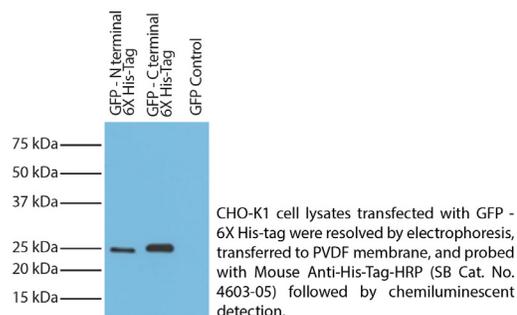




Mouse Anti-His-Tag

Cat. No.	Format	Size
4603-01L	Purified (UNLB)	1.0 mg
4603-01M	Purified (UNLB)	0.5 mg
4603-01S	Purified (UNLB)	0.1 mg
4603-04	Alkaline Phosphatase (AP)	1.0 mL
4603-05	Horseradish Peroxidase (HRP)	1.0 mL
4603-08	Biotin (BIOT)	0.5 mg
4603-25	Sepharose [®] 4B (SEPH)	25 tests
4603-30	Alexa Fluor [®] 488 (AF488) Conjugate	0.1 mg
4603-31	Alexa Fluor [®] 647 (AF647) Conjugate	0.1 mg



Overview

Clone	SB194b
Isotype	Mouse (BALB/c) IgG ₁ κ
Immunogen	Synthetic 6X His-tag peptides
Specificity	His-tag
	Reacts with N-terminal, C-terminal, and exposed internal repeating histidine residues of 6 or more

Applications

ELISA – Quality tested ¹
 FLISA – Quality tested ¹
 IP – Quality tested ¹
 WB ¹
 Purification ¹
 FC ¹
 ICC ¹

Working Dilutions

ELISA	Purified (UNLB) antibody	≤ 1 µg/mL
	AP conjugate	1:1,000 – 1:2,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000
FLISA	AF488 conjugate	1:200 – 1:400
	AF647 conjugate	≤ 1 µg/mL
Immunoblotting	Purified (UNLB) antibody	≤ 1 µg/mL
	HRP conjugate	1:10,000 – 1:20,000
	BIOT conjugate	≤ 1 µg/mL
Immunoprecipitation	Purified (UNLB) antibody	≤ 5 µg/mL
	SEPH conjugate	40 µL
Flow Cytometry	AF488 conjugate	≤ 1 µg/10 ⁶ cells
	AF647 conjugate	≤ 0.1 µg/10 ⁶ cells
Immunocytochemistry	Purified (UNLB) antibody	≤ 1 µg/mL
	BIOT conjugate	≤ 1 µg/mL
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 0.1 mg purified immunoglobulin in 0.1 mL, 0.5 mg purified immunoglobulin in 0.5 mL, or 1.0 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 alkaline phosphatase (AP) conjugate is supplied as 1.0 mL in a stock solution of 50 mM Tris/1 mM MgCl₂/50% glycerol, pH 8.0, containing NaN₃ as preservative. Store at 2-8°C or long-term at -20°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 Sepharose[®] 4B (SEPH) conjugate is supplied as 25 tests in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C. Shake well before use.
- The Alexa Fluor[®] 488 (AF488) and Alexa Fluor[®] 647 (AF647) conjugates are supplied as 0.1 mg in 0.2 mL of PBS/NaN₃. Store at 2-8°C.
- Protect fluorochrome-conjugated forms from light. 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

1. SouthernBiotech published data (ELISA, FLISA, WB, IP, Purification, FC, ICC)

Sepharose[®] is a registered trademark of GE Healthcare.

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