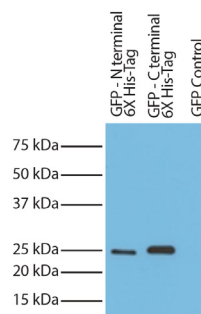




## Mouse Anti-His-Tag

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
4603-05	Horseradish Peroxidase (HRP)	1.0 mL
4603-08	Biotin (BIOT)	0.5 mg



CHO-K1 cell lysates transfected with GFP - 6X His-tag were resolved by electrophoresis, transferred to PVDF membrane, and probed with Mouse Anti-His-Tag-HRP (SB Cat. No. 4603-05) followed by chemiluminescent detection.

### Overview

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

### Applications

ELISA – Quality tested <sup>1</sup>  
 WB <sup>1</sup>  
 IP <sup>1</sup>  
 ICC <sup>1</sup>

### Working Dilutions

<b>ELISA</b>	Purified (UNLB) antibody	≤ 1 µg/mL
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000
<b>Immunoblotting</b>	Purified (UNLB) antibody	≤ 1 µg/mL
	HRP conjugate	1:10,000 – 1:20,000
	BIOT conjugate	≤ 1 µg/mL
<b>Immunoprecipitation</b>	Purified (UNLB) antibody	≤ 5 µg/mL
<b>Immunocytochemistry</b>	Purified (UNLB) antibody	≤ 1 µg/mL
	BIOT conjugate	≤ 1 µg/mL
<b>Other Applications</b>	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.**

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## Handling and Storage

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- 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 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/NaN<sub>3</sub>. Store at 2-8°C.
- Reagents are stable for the period shown on the label if stored as directed.

## Warning

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

## References

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