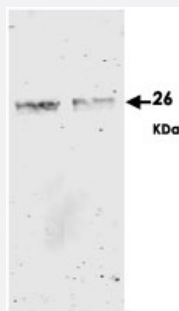


GST monoclonal antibody, clone 3D4

Catalog # MAB1996 Size 500 ug

Applications



Western Blot

Western blot using GST monoclonal antibody, clone 3D4 (Cat # MAB1996) to detect purified GST recombinant protein (left) and in a lysate of HeLa cells expressing recombinant GST protein (right).

Approximately 0.1 ug of protein was separated by SDS-PAGE and transferred onto nitrocellulose.

After blocking the membrane was probed with the primary antibody diluted to 1.0 ug/mL for 1 h at room temperature followed by washes and reaction with a 1 : 5,000 dilution of IRDye™800 conjugated Gt-a-Mouse IgG [H&L] MX.

Specification

Product Description	Mouse monoclonal antibody raised against GST.
Immunogen	Glutathione-S-Transferase (GST) from <i>Schistosoma japonicum</i> .
Host	Mouse
Reactivity	S. japonicum
Form	Liquid
Isotype	IgG1, kappa
Quality Control Testing	Antibody Reactive Against GST-tag.
Recommend Usage	ELISA (1:20000-1:100000) Western Blot (1:1000-1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM potassium phosphate buffer, 150 mM NaCl, pH 7.2 (0.01% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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- Enzyme-linked Immunoabsorbent Assay

Publication Reference

- [Mr 26,000 antigen of Schistosoma japonicum recognized by resistant WEHI 129/J mice is a parasite glutathione S-transferase.](#)

Smith DB, Davern KM, Board PG, Tiu WU, Garcia EG, Mitchell GF.

PNAS 1986 Nov; 83(22):8703.