

Product datasheet for **AM00069PU-N**

GST-Tag Mouse Monoclonal Antibody [Clone ID: 4H3]

Product data:

| | |
|------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | 4H3 |
| Applications: | ELISA, IP, WB |
| Recommended Dilution: | Western Blot: 0.5 µg/ml for HRPO/ECL detection. Recommended blocking buffer: Casein/Tween 20 based blocking and blot incubation buffer. ELISA: 0.05 µg/ml. Immunoprecipitation: 1-10 µg/ml. |
| Reactivity: | Schistosoma japonicum |
| Host: | Mouse |
| Isotype: | IgG2a |
| Clonality: | Monoclonal |
| Immunogen: | Recombinant GST (pGEX), Schistosoma japonicum |
| Specificity: | This antibody specifically interacts with GST of Schistosoma japonicum that is encoded by the pGEX expression vectors. The antibody does not interact with mammalian GST proteins. |
| Formulation: | 1 ml 2xPBS / 0.09% Sodium Azide / PEG and Sucrose State: Purified State: Lyophilized purified IgG fraction |
| Reconstitution Method: | Restore with 1 ml H ₂ O (15 min, RT). |
| Purification: | Size Exclusion Chromatography |
| Conjugation: | Unconjugated |
| Storage: | Store lyophilized (preferably in a desiccator) at -20°C and reconstituted (aliquote and freeze in liquid nitrogen) at -80°C. Avoid repeated freezing and thawing. Thaw aliquots at 37°C. Thawed aliquots may be stored at 4°C up to 3 months. |
| Stability: | Shelf life: one year from despatch. |
| Database Link: | P08515 |

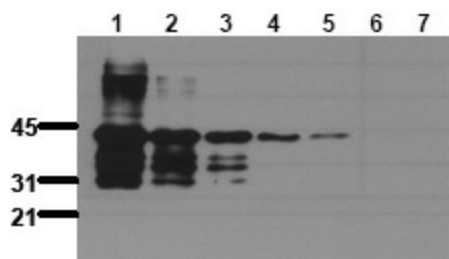


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Background: The glutathione-S-transferase (GST) of *Schistosoma japonicum* is widely used as fusion partner in protein expression systems. The GST can be used for affinity purification of fusion proteins on immobilized glutathion as well as tag sequence if antibodies specific for the expressed protein are not available.

Synonyms: Glutathione S-transferase Tag, GST26-Tag

Product images:



Antibody sensitivity Recombinant GST-PIN1 was separated by SDS-PAGE and transferred to PVDF membranes. Immunoblots were probed with mab 4H3 (0.5 g/ ml) for 1h at RT and developed by ECL (exp. time: 30 sec). lane 1: 100ng, lane 2: 50ng, lane 3: 25ng, lane 4