

# Product Datasheet

## Glutathione S Transferase kappa 1 Antibody (16A11.E4.E3.E7) - BSA Free NBP2-44172-0.05mg

Unit Size: 0.05 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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Updated 2/23/2025 v.20.1

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**NBP2-44172-0.05mg**

Glutathione S Transferase kappa 1 Antibody (16A11.E4.E3.E7) - BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	16A11.E4.E3.E7
Preservative	0.01% Sodium Azide
Isotype	IgG2a Lambda
Purity	Protein A purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

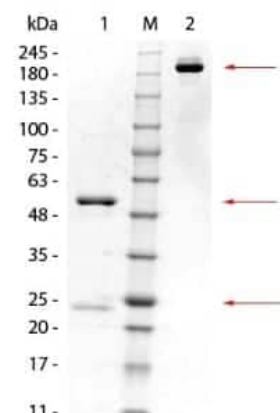
Product Description	
Description	<p>This product is purified from roller bottle culture by Protein A chromatography followed by extensive dialysis against the buffer stated above</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Mouse
Gene ID	373156
Gene Symbol	GSTK1
Species	Human, Mouse
Reactivity Notes	Cross reactivity from other sources has not been determined
Specificity/Sensitivity	Reacts specifically with Glutathione S Transferase kappa 1 protein.
Immunogen	This Protein A purified Glutathione S Transferase kappa 1 Antibody (16A11.E4.E3.E7) was prepared by repeated immunizations in mice with Glutathione S Transferase kappa 1 Protein. (Uniprot: Q9Y2Q3)

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunoprecipitation, SDS-Page
Recommended Dilutions	Western Blot 1:500-1:1000, ELISA 1:50000-1:200000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, SDS-Page 1:100-1:2000
Application Notes	This product is tested by in ELISA, SDS-Page, and Western Blot. Suitable for most immunological techniques requiring high titer binding and lot-to-lot consistency. Specific conditions for reactivity should be optimized by the end user.

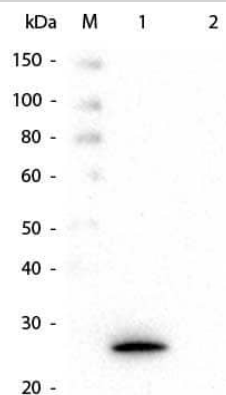


## Images

SDS-Page: Glutathione S Transferase kappa 1 Antibody (16A11.E4.E3.E7) [NBP2-44172] - SDS-PAGE of Mouse anti-GSTK1 Monoclonal Antibody. Lane 1: Reduced Mouse anti-GSTK1 Monoclonal Antibody. Lane 2: 3 UL OPAL Pre-stained Marker Lane 3: Non-reduced Mouse anti-GSTK1 Monoclonal Antibody. Load: 1 Ug per lane. Predicted/Observed size: Non-reduced at 160 kDa/observed at 180-200 kDa; Reduced at 55, 25 kDa. Non-reduced migrates at slightly higher molecular weight.



Western Blot of Mouse anti-GSTK1 Monoclonal Antibody. Lane 1: Recombinant GSTK1 protein. Lane 2: GST. Load: 50 ng per lane. Primary antibody: Mouse anti-Glutathione S Transferase kappa 1 Antibody (16A11.E4.E3.E7) at 1:1,000 overnight at 4C. Secondary antibody: HRP Mouse Secondary Antibody at 1:40,000 for 30 min at RT. Block for 30 min at RT. Predicted/Observed size: 27 kDa, 27 kDa for GSTK1.





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### **Products Related to NBP2-44172-0.05mg**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-37083	Recombinant Human Glutathione S Transferase kappa 1 Protein
NBL1-11371	Glutathione S Transferase kappa 1 Overexpression Lysate

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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