

Datasheet: 8260-0025

Description:	MOUSE ANTI HUMAN SERUM ALBUMIN
Specificity:	ALBUMIN
Other names:	HSA
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	AL-01
Isotype:	IgG1
Quantity:	0.2 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	■			
Immunoprecipitation			■	
Immunofluorescence			■	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species	Human
Species Cross Reactivity	Does not react with: Bovine, Pig, Mouse, Rabbit
Product Form	Ig fraction - liquid
Preparation	Ig fraction prepared by sequential precipitation with caprylic acid and ammonium sulphate solution from ascites
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	1.0 mg/ml
Immunogen	Purified human serum albumin.

**External Database
Links**

UniProt:

[P20768](#) [Related reagents](#)

Specificity

Mouse anti Human serum albumin antibody, clone AL-01 recognizes human serum albumin, a ~66 kDa protein that binds and transports steroids, fatty acids, metal ions and thyroid hormones. Albumin accounts for approximately 50% of blood serum protein.

References

1. Angelisová, P. *et al.* (1986) The characteristics of monoclonal antibodies against human albumin. [Folia Biol \(Praha\). 32 \(5\): 289-94.](#)
2. Manakhov, A. *et al.* (2014) Cyclopropylamine plasma polymers deposited onto quartz crystal microbalance for biosensing application [physica status solidi \(a\). 211 \(12\): 2801-8.](#)
3. Radek, S. *et al.* (2015) Detection of Proteins by SPRI Method. [Nanocon Proceedings](#)

Storage

Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

18 months from date of despatch.

**Health And Safety
Information**

Material Safety Datasheet documentation available at:
Material Safety Datasheet Documentation #10040 available at:
<https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

- Goat Anti Mouse IgG (STAR76...) [RPE](#)
- Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
- Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight@488](#), [DyLight@549](#),
[DyLight@649](#), [DyLight@680](#), [DyLight@800](#),
[FITC](#), [HRP](#)
- Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
- Goat Anti Mouse IgG (STAR77...) [HRP](#)
- Rabbit Anti Mouse IgG (STAR12...) [RPE](#)
- Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)
- Rabbit Anti Mouse IgG (STAR8...) [DyLight@800](#)
- Goat Anti Mouse IgG (STAR70...) [FITC](#)
- Human Anti Mouse IgG1 (HCA036...) [HRP](#)
- Rabbit Anti Mouse IgG (STAR13...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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