

S100A8 Human, Sheep Polyclonal Antibody

Product Data Sheet

Source of Antigen: E. coli

Cat. No.:

Host: Sheep

RD184217100

(0.1 mg)

Isotype: IgG

Other names: S100 calcium-binding protein A8, Calgranulin-A, Migration inhibitory factor-related protein 8, MRP-8, p8, Cystic fibrosis antigen, CFAG, Leukocyte L1 complex light chain, Calprotectin L1L subunit, Urinary stone protein band A, S100A8, CAGA, CFAG, MRP8

Research topic

Immune Response, Infection and Inflammation, Oncology, Pulmonary diseases, Sepsis

Preparation

The antibody was raised in sheep by immunization with the recombinant Human S100A8.

Amino Acid Sequence

Recombinant Human S100A8, total 103 AA. MW: 12.08 kDa (calculated). UniProtKB acc.no. P05109. N-Terminal His-tag, 10 extra AA (highlighted).

MKHHHHHHAS MLTELEKALN SIIDVYHKYS LIKGNFHAVY RDDLKKLEET ECPQYIRKKG ADVVFKELDI NTDGAVNFQE
FLILVIKMGV AAHKKSHEES HKE

Species Reactivity

Human

Not yet tested in other species.

Purification Method

Immunoaffinity chromatography on a column with immobilized recombinant Human S100A8.

Antibody Content

0.1 mg (determined by BCA method, BSA was used as a standard)

Formulation

The antibody is lyophilized in 0.05 M phosphate buffer, 0.1 M NaCl, pH 7.2. **AZIDE FREE.**

Reconstitution

Add 0.2 ml of deionized water and let the lyophilized pellet dissolve completely. Slight turbidity may occur after reconstitution, which does not affect activity of the antibody. In this case clarify the solution by centrifugation.

Shipping

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability

The lyophilized antibody remains stable and fully active until the expiry date when stored at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles and store frozen at -80°C. Reconstituted antibody can be stored at 4°C for a limited period of time; it does not show decline in activity after one week at 4°C.

Expiration

See vial label.

Lot Number

See vial label.

Quality Control Test

Indirect ELISA - to determine titer of the antibody
SDS PAGE - to determine purity of the antibody

Applications

Western blotting, Immunohistochemistry

Note

This product is for research use only.

HEADQUARTERS: BioVendor Laboratorní medicína, a.s.	Karasek 1767/1	621 00 Brno CZECH REPUBLIC	Phone: +420-549-124-185 Fax: +420-549-211-460	E-mail: info@biovendor.com sales@biovendor.com Web: www.biovendor.com
AUSTRIA: BioVendor GesmbH	Nußdorfer Straße 20/10	1090 Vienna AUSTRIA	Phone: +43-1-89090-25 Fax: +43-1-89090-2515	E-mail: infoAustria@biovendor.com
GERMANY, SWITZERLAND: BioVendor GmbH	Otto-Hahn-Straße 16	34123 Kassel GERMANY	Phone: +49-6221-433-9100 Fax: +49-6221-433-9111	E-mail: infoEU@biovendor.com
USA, CANADA AND MEXICO: BioVendor LLC	128 Bingham Rd. Suite 1300	Asheville, NC 28806 USA	Phone: +1-828-575-9250 +1-800-404-7807 Fax: +1-828-575-9251	E-mail: infoUSA@biovendor.com