Datasheet for ABIN289365

anti-Protein A antibody

1 Publication

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Overview

Quantity:	1 mg
Target:	Protein A
Reactivity:	Staphylococcus aureus
Host:	Chicken
Clonality:	Polyclonal
Conjugate:	This Protein A antibody is un-conjugated
Application:	Please inquire

Product Details

Immunogen:	Protein A antibody was raised in chicken using protein A from Staphylococcus aureus as the immunogen.
Cross-Reactivity (Details):	Cross Reactivity: One precipitin arc against Staphylococcal Protein A.
Purification:	Affinity chromatography purified

Target Details

Target:	Protein A
Abstract:	Protein A Products
Background:	Protein A is a 40-60 kDa MSCRAMM (microbial surface components recognizing adhesive matrix molecules) surface protein originally found in the cell wall of the bacteria Staphylococcus aureus. It is encoded by the spa gene and its regulation is controlled by DNA topology, cellular osmolarity, and a two-component system called ArlS-ArlR. It has found use in

Target Details

	biochemical research because of its ability to bind immunoglobulins. It binds proteins from many of mammalian species, most notably IgGs.

Application Details

Application Notes:	Optimal conditions should be determined byt he investigator.
Restrictions:	For Research Use only

Handling

Concentration:	Lot specific
Buffer:	Affinity purified and supplied in PBS buffer, pH 7.4, with 0.02 % NaN3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C for short term storage. Aliquot and store at -20 °C for long term storage.

Publications

Product cited in:	Treise, Huber, Klein-Rodewald, Heinemeyer, Grassmann, Basler, Adler, Rathkolb, Helming, Andres, Klaften, Landbrecht, Wieland, Strom, McCoy, Macpherson, Wolf, Groettrup, Ollert, Neff, Gailus-Durner et al.: "Defective immuno- and thymoproteasome assembly causes severe immunodeficiency. ..." in: **Scientific reports**, Vol. 8, Issue 1, pp. 5975, (2018) (PubMed).