

Mouse anti Bovine Coronavirus

Surface Antigen [Clone 5A4]

Cat # NB-47-04280-200UG size: 200 µg

Description

Mouse anti Bovine Coronavirus Surface Antigen antibody, clone 5A4 recognizes the surface antigen of bovine coronavirus. Bovine coronavirus (BCoV) causes severe diarrhoea in newborn calves, possibly resulting in death. It is also associated with winter dysentery in adult cattle and respiratory infections in calves and cattle. The surface antigen (also known as Spike glycoprotein, and historically as the peplomer) plays a fundamental role in viral attachment and entry into the host cell.

Product Information

Host:	Mouse
Applications:	ELISA, Haemagglutination
Reactivity:	Viral
Clonality:	Monoclonal
Clone ID:	5A4
Conjugation:	Unconjugated
Formulation:	PBS, 0.09% Sodium Azide (NaN ₃)
Preparation:	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant.
Concentration:	1mg/ml
Fusion Partners:	Spleen cells from immunised Balb/c mice were fused with cells of the Sp2/0 myeloma cell line.
Storage Instruction:	It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Target

Immunogen:	Bovine coronavirus
Synonyms:	Spike Glycoprotein
RRID:	AB_1102512

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