

Product Datasheet

Cryptosporidium Antibody (BEL 0126) - BSA Free NB100-64526

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-64526

Cryptosporidium Antibody (BEL 0126) - BSA Free

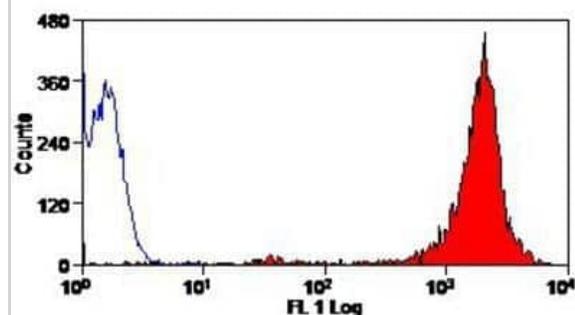
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	BEL 0126
Preservative	0.09% Sodium Azide
Isotype	IgG3
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Mouse
Species	Protozoa
Specificity/Sensitivity	Recognizes a membrane antigen expressed by the oocysts of <i>Cryptosporidium</i> sp., an obligate intracellular parasite of the phylum Apicomplexa. The genome of <i>Cryptosporidium</i> sp. is one of the smallest among unicellular eukaryotic organisms. <i>Cryptosporidium</i> is one of several species that cause cryptosporidiosis; a disease affecting the intestines of mammals which is spread through the faecal-oral route. The main symptom is self-limiting diarrhoea in people with intact immune systems. However, in immunocompromised individuals, such as AIDS patients, infection can cause permanent & life-threatening diarrhoea. Cryptosporidiosis is one of the most common waterborne diseases worldwide.
Immunogen	Purified <i>Cryptosporidium</i> oocysts from bovine faeces

Product Application Details	
Applications	ELISA, Flow Cytometry, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry, ELISA 1:2000-1:8000, Immunohistochemistry-Paraffin

Images

Flow Cytometry: *Cryptosporidium* Antibody (BEL 0126) [NB100-64526] - Analysis using the FITC conjugate of NB100-64526. Staining of *Cryptosporidium parvum* oocytes.



Publications

Liu L, Wang Y, Narain R, Liu Y et al. Functionalized polystyrene microspheres as Cryptosporidium surrogates
Colloids Surf B Biointerfaces. 2019-03-01 [PMID: 30590329] (Protozoa)

Details:

Citation using the FITC form of this antibody.

Weigum Se, Xiang L, Osta E et al. Hollow silica microspheres for buoyancy-assisted separation of infectious pathogens from stool. J Chromatogr A 2016-09-30 [PMID: 27614729]





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Products Related to NB100-64526

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96777	Mouse IgG3 Isotype Control (MG3)
NB100-64321	Cryptosporidium Antibody (BEL 0126) [FITC]

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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