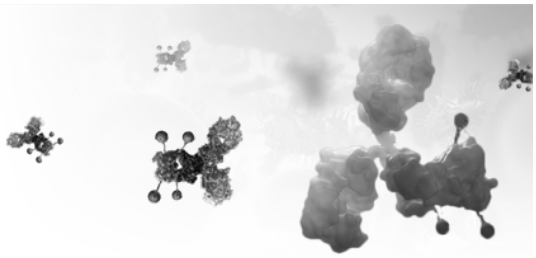

Anti-Norovirus Capsid protein Monoclonal antibody, Clone C114M (DMAB4016)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Recognizes the capsid protein of Norovirus (native and recombinant). Does not cross-react with Rotavirus, Adenovirus or Astrovirus.
Target	Norovirus Capsid protein
Immunogen	Purified native Norwalk virus, strain 8FIIa
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Norovirus
Clone	C114M
Affinity Constant	Not determined
Purification	90% pure. Protein A chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA for detection in stool. Pairs with Catalog #C01258M in sandwich immunoassay. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Recommended pairs for sandwich immunoassay: • **Capture** DMAB4016 DMAB4017

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- **Detection**
  DMAB4017
  DMAB4016

Suggested pair for testing (Capture - Detection): DMAB4016 - DMAB4017

Format	Purified, Liquid
Concentration	2.2mg/ml (OD280nm, E0.1% = 1.3)
Size	1 mg
Buffer	0.01M PBS, pH 7.2 Product contains no stabilizing proteins.
Preservative	0.1% Sodium Azide
Storage	Upon receipt, store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	Norovirus is an RNA virus of theCaliciviridae taxonomic family, causes approximately 90% of epidemic nonbacterial outbreaks of gastroenteritis around the world and is responsiblefor 50% of all foodborne outbreaks of gastroenteritis in the US. Norovirusaffects people of all ages. The viruses are transmitted by faecallycontaminated food or water and by person to person contact.
Keywords	Caliciviridae; Norovirus; VP1; Group IV

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