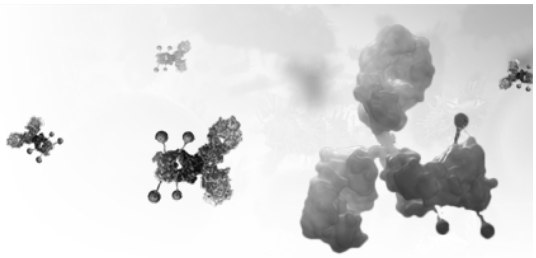

Anti-Adenovirus Hexon Monoclonal antibody, Clone CIOD605 (DMAB2938)

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

PRODUCT INFORMATION

Product Overview	Monoclonal Antibody to Adenovirus hexon
Specificity	Specific for the hexon group antigen of Adenovirus. Known reactivity with at least 17 serotypes of Adenovirus (Types 1, 3, 4, 5, 6, 7, 7a, 8, 9, 10, 12, 13, 14, 18, 21, 31, 40 and 41). Does not react with Influenza A, Influenza B, RSV, Parainfluenza 1, 2 & 3, Mycoplasma pneumoniae, H. pylori and Mammalian cells.
Target	Adenovirus Hexon
Immunogen	Purified Adenovirus hexon
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Adenovirus
Clone	CIOD605
Affinity Constant	Not determined
Purification	>90% pure. Protein A chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA, Lateral flow and IFA (acetone-fixed cells). Not recommended with methanolfixed cells. 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:

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- **Capture**
  DMAB2930
- **Detection**
  DMAB2938

Suggested pair for testing (Capture - Detection): DMAB2930 - DMAB2938

Format	Purified, Liquid
Concentration	100ug/ml (OD280nm, E0.1%= 1.3)
Size	1 mg
Buffer	0.01M PBS, pH 7.2. This product contains no stabilizing proteins.
Preservative	0.1% Sodium Azide
Storage	Upon receipt, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	Adenovirusesare DNA viruses generally widespread in nature that are frequently the causeof acute upper respiratory tract infections (i.e. common colds). Forty-sevenknown serotypes have been isolated since they were first discovered in 1953with 3 types known to cause gastroenteritis. Several types have oncogenicpotential though most cause self-limiting febrile illnesses characterised byinflammation of conjunctivae and the respiratory tract. The virus can beisolated from the majority of tonsils/adenoids surgically removed, indicatinglatent infections. It is not known how long the virus can persist in thebody, or whether it is capable of reactivation after long periods. Inpatients experiencing immunosuppression (e.g. AIDS) it can be reactivatedcausing disease.
Keywords	Adeno_hexon; Adenovirus Hexon; Adenovirus hexon; Hexon protein; Late protein 2; PII; Adenovirus; Adenoviridae; Aviadenovirus; ADENOVIRUS; ADENOVIRUS F

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