



Magic™ Anti-PIV type 1 Monoclonal antibody, Clone N04033900 (DCABY-4792)

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

PRODUCT INFORMATION

Specificity	Parainfluenza type 1
Target	PIV type 1
Immunogen	Parainfluenza type 1 antibody was raised in mouse using fusion protein of parainfluenza 1 as the immunogen.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	PIV
Clone	N04033900
Conjugate	Unconjugated
Applications	ELISA Pr*, IF Suggested pair for testing: DCABY-4791 - DCABY-4792
Format	Liquid
Size	1 mg
Buffer	PBS, pH 7.6with 0.1% NaN3.
Preservative	0.1% Sodium Azide
Storage	Aliquot and store at -20 °C Avoid repeated freeze/thaw cycles

BACKGROUND

Introduction

Human parainfluenza viruses (HPIV) were first discovered in the late 1950s. HPIV is genetically and antigenically divided into types 1 to 4. HPIV 1 to HPIV 3 are major causes of lower respiratory infections in infants, young children, the immunocompromised, the chronically ill, and the elderly. Each subtype can cause somewhat unique clinical diseases in different hosts. HPIV are enveloped and of medium size (150 to 250 nm), and their RNA genome is in the negative sense. These viruses belong to the Paramyxoviridae family, one of the largest and most rapidly growing groups of viruses causing significant human and veterinary disease.

Keywords

Parainfluenza type 1; Parainfluenza Virus Type 1; Parainfluenza 1;