



Mouse Anti-HHV6 EA Monoclonal antibody, clone 700 (CABT-RM288)

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

PRODUCT INFORMATION

Specificity	Specific for a 37 kDa early antigen of HHV-6, Strain A. Does not recognize Strain B
Target	HHV6 EA
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	HHV
Clone	700
Purification	> 90% pure. Protein A Chromatography
Conjugate	unconjugated
Applications	ELISA, IFA, IHC, IP, WB
Format	Liquid
Concentration	100 µg/mL
Size	1 mg
Buffer	0.01 M PBS, pH 7.2. This product contains no stabilizing proteins.
Preservative	0.1% Sodium Azide
Storage	Store at 2-8°C.

BACKGROUND

Introduction

Human herpesvirus 6 (HHV-6) is the common collective name for Human betaherpesvirus 6A (HHV-6A) and Human betaherpesvirus 6B (HHV-6B). These closely related viruses are two of the nine herpesviruses known to have humans as their primary host. HHV-6A and HHV-6B are double stranded DNA viruses within the Betaherpesvirinae subfamily and of the genus Roseolovirus. HHV-6A has been described as more neurovirulent, and as such is more frequently found in patients with neuroinflammatory diseases such as multiple sclerosis. HHV-6 (and HHV-7) levels in the brain are also elevated in people with Alzheimer's disease. HHV-6B primary infection is the cause of the common childhood illness exanthema subitum. Additionally, HHV-6B reactivation is common in transplant recipients, which can cause several clinical manifestations such as encephalitis, bone marrow suppression, and pneumonitis.

Keywords

Human Herpes Virus Type 6 early antigen; HHV6 early antigen; Human Herpes Virus Type 6; Human Herpes Virus; HHV; HHV6; HHV6 EA