



Mouse Anti-Poliovirus type 1 Monoclonal antibody, Clone IZC 296-16 (DMAB5763)

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

PRODUCT INFORMATION

Specificity	Specific for poliovirus type 1. There is no cross-reactivity with poliovirus type 2 and 3.
Target	Poliovirus
Immunogen	Polio virus type 1, Brunhilde strain (inactivated)
Isotype	IgG2a Kappa
Source/Host	Mouse
Species Reactivity	poliovirus type 1
Clone	IZC 296-16
Purity	Protein A
Purification	Protein A purified
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Size	200 µl
Buffer	10mM Phosphate (pH 7.4) and 0.5M NaCl
Preservative	0.05% Sodium Azide
Storage	Store at 4°C in the dark.

BACKGROUND

Introduction	Poliovirus, the causative agent of polio (also known as poliomyelitis), is a member virus of Enterovirus C, in the family of Picornaviridae. Poliovirus is composed of an RNA genome and a protein capsid. The genome is a single-stranded positive-sense RNA genome that is about 7500 nucleotides long. The viral particle is about 30 nm in diameter with icosahedral symmetry. Because of its short genome and its simple composition—only RNA and a nonenveloped icosahedral protein coat that encapsulates it, poliovirus is widely regarded as the simplest significant virus.
Keywords	Poliovirus; Poliovirus type 1