



# Mouse Anti-Poliovirus type 2 Monoclonal antibody, Clone IZC 295-03 (DMAB5764)

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

## PRODUCT INFORMATION

<b>Specificity</b>	There is no cross reactivity with type 1 and 3
<b>Target</b>	Poliovirus
<b>Immunogen</b>	Poliovirus type 2 (inactivated)
<b>Isotype</b>	IgG2a Kappa
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	poliovirus type 2
<b>Clone</b>	IZC 295-03
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Size</b>	200 µl
<b>Buffer</b>	10mM Phosphate (pH 7.4) and 0.5M NaCl
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Store at -20°C.

## 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 2