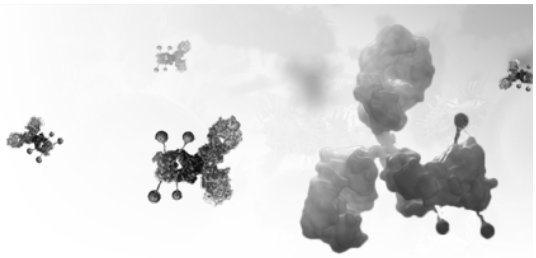

Mouse Anti-IAV H7N1 (A/FPV/Rostock/1934) HA Monoclonal Antibody, Clone 20 (CABT-CS765)

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

PRODUCT INFORMATION

Specificity	React with Influenza A haemagglutinin H7
Target	H7N1 HA
Immunogen	Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with influenza A/FPV/Rostock/34/H7N1 virus derived from allantonic fluid of 10 days old embryonated eggs.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	IAV
Clone	20
Purification	Chromatography on protein G Sepharose
Conjugate	unconjugated
Applications	WB, ELISA
Format	Liquid
Concentration	1 mg/mL
Size	100 µg
Buffer	PBS, 0.1% sodium azide
Preservative	0.1% sodium azide

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Storage	Store at -20°C; Stable for at least 1 month from the date of shipment at 4°C.

BACKGROUND

Introduction	Influenza hemagglutinin (HA) is a homotrimeric glycoprotein found on the surface of influenza viruses and is integral to its infectivity. HA is a Class I Fusion Protein, having multifunctional activity as both an attachment factor and membrane fusion protein. Therefore, HA is responsible for binding Influenza virus to sialic acid on the surface of target cells, such as cells in the upper respiratory tract or erythrocytes, causing as a result the internalization of the virus. Secondarily, HA is responsible for the fusion of the viral envelope with the late endosomal membrane once exposed to low pH (5.0-5.5).
Keywords	H7N1 HA; IAV; IAV H7N1; IAV H7N1 HA; H7N1; Influenza A haemagglutinin H7; H7N1 haemagglutinin

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221