



# Mouse Anti-IAV H7 Monoclonal antibody, clone C2384N (CABT-RM295)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Influenza A Hemagglutinin H7
<b>Target</b>	IAV H7
<b>Immunogen</b>	Influenza A/Netherlands/219/03 (H7N7)
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	IAV
<b>Clone</b>	C2384N
<b>Purification</b>	> 90% pure (SDS-PAGE). Protein A Chromatography
<b>Conjugate</b>	unconjugated
<b>Applications</b>	ELISA, WB
<b>Format</b>	Liquid
<b>Concentration</b>	5.0 mg/mL
<b>Size</b>	1 mg
<b>Buffer</b>	Phosphate Buffered Saline, pH 7.4
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Store at 2-8°C

# BACKGROUND

**Introduction** Influenza A virus causes influenza in birds and some mammals, and is the only species of the Alphainfluenzavirus genus of the Orthomyxoviridae family of viruses. Influenza A viruses are negative-sense, single-stranded, segmented RNA viruses. The several subtypes are labeled according to an H number (for the type of hemagglutinin) and an N number (for the type of neuraminidase). There are 18 different known H antigens (H1 to H18) and 11 different known N antigens (N1 to N11). H17N10 was isolated from fruit bats in 2012. H18N11 was discovered in a Peruvian bat in 2013.

**Keywords** IAV H7; Influenza A virus Hemagglutinin7; Influenza Virus Type A; Influenza Virus; IAV; Influenza; Influenza A virus