



Rabbit Anti-IAV H9N2 (A/chicken/Korea/GH2/2007) M2 Polyclonal Antibody (CABT-CS801)

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

PRODUCT INFORMATION

Specificity	Reacts with the matrix protein 2 of influenza A H9N2 (chicken/Korea/GH2/2007) virus
Target	H9N2 M2
Immunogen	Synthesized 24-amino acid peptide, MSLLTEVETPTRNGWECRCNDSSD, the ectodomain of matrix protein 2 (M2e) of the influenza A (A/chicken/Korea/GH2/2007/H9N2)(GenBank accession# ADV36584) virus
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	IAV
Purification	Immunoaffinity chromatography
Conjugate	unconjugated
Applications	WB, ELISA
Format	Liquid
Concentration	2 mg/mL
Size	100 µg
Buffer	PBS with 0.1% sodium azide
Preservative	0.1% sodium azide

Storage

Store at -20°C; Do not freeze and thaw. Stable for 6-months from the date of shipment when kept at 4°C. Nonhazardous. No MSDS required.

BACKGROUND

Introduction

The M2 protein (matrix protein 2) is a proton-selective ion channel protein, the third integral membrane protein, of the influenza A virus. The channel itself is a homotetramer that consists of four identical M2 units. With the N-terminal methionine removed, the remaining N-terminal 23-amino acid sequence of M2 is known as M2 ectodomain (M2e). M2e is highly conserved in both human and avian influenza A viruses. It is widely used as a promising candidate target for developing a valid and versatile vaccine against all strains of human influenza A virus.

Keywords

Influenzavirus A; Influenza A virus; Influenza A virus H9N2; H9N2; IAV H9N2; IAV H9N2 Matrix; IAV H9N2 M2 Protein; H9N2 M2 Protein; H9N2 M2
