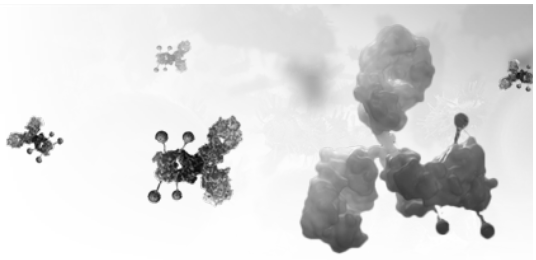

Rabbit Anti-IAV H1N1 (A/California/06/2009) M2 Polyclonal Antibody (CABT-CS800)

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 viruses that contains the same ectodomain sequence
Target	H1N1 M2
Immunogen	Synthesized 24-amino acid peptide, MSLLTEVETPTRSEWECRCSDSSD, the ectodomain of matrix protein 2 (M2e) of the influenza A (California/06/2009/H1N1) virus (GenBank accession# ACP41938)
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

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; Do not freeze and thaw. Stable for 3-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 H1N1; H1N1; IAV H1N1; IAV H1N1 Matrix; IAV H1N1 M2 Protein; H1N1 M2 Protein; H1N1 M2

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