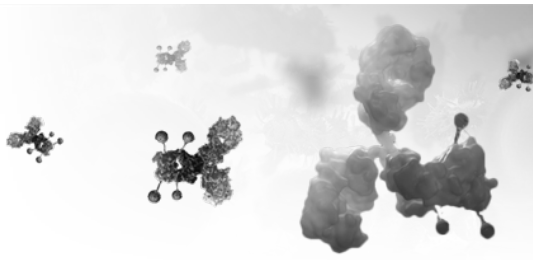

Mouse Anti-Rhinovirus 16 VP2 Monoclonal antibody, clone R168 (DMAB-CS25111)

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

PRODUCT INFORMATION

Specificity	This non-neutralizing antibody recognizes capsid protein VP2 (mw ~30kDa) of HRV16, HRV1A, and HRV39 and VP2 precursors VP0 (mw ~37kDa) and P1 (mw ~90kDa).
Target	Rhinovirus 16 VP2
Immunogen	Purified HRV16
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Rhinovirus
Clone	R168
Purification	Protein A/G
Conjugate	Unconjugated
Applications	IHC, WB
Format	Liquid
Size	100 µg
Buffer	PBS pH 7.2 - 7.4 with no carrier protein or preservatives added.
Preservative	None
Storage	Upon initial thawing, appropriately aliquot and store at -80°C. For long-term storage, keep at -80°C. Avoid repeated freeze-thaw cycles.

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BACKGROUND

Introduction	Picornaviruses are small, non-enveloped RNA viruses with an icosahedral capsid and a single strand, plus-sense RNA genome. The genome encodes a single polyprotein that is proteolytically processed by viral proteases into structural and non-structural proteins. The family of picornaviruses includes numerous human and animal viruses including more than 100 s of human rhinoviruses (HRV). HRV infections are characteristic upper airway infections (the main cause of the common cold), and they provoke significant lower airway symptoms for patients with asthma, cystic fibrosis, or chronic obstructive pulmonary disease.
Keywords	Rhinovirus; HRV; Rhinovirus VP2; Rhinovirus 16 VP2; Rhinovirus 16

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