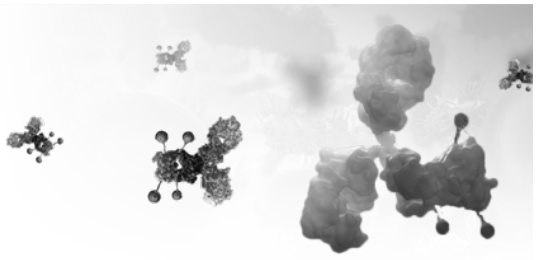

Mouse Anti-HSV-1 gC Monoclonal Antibody, clone I744 (CABT-CS407)

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

PRODUCT INFORMATION

Specificity	Reactive with gC-1 of Herpes Simplex Virus in immunofluorescence (IFA) and western blot at 10 µg/ml.
Target	HSV-1 gC
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	HSV
Clone	I744
Purification	Protein G agarose affinity chromatography
Conjugate	unconjugated
Applications	IF, WB
Format	Liquid
Concentration	1 mg/mL
Size	500 µg
Buffer	Phosphate Buffered Saline (PBS) pH 7.4
Preservative	None
Storage	This product is supplied frozen on dry ice. Upon receipt, store at -20°C. Avoid multiple freeze-thaw cycles as product degradation may result.

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BACKGROUND

Introduction	Glycoprotein C (gC) of herpes simplex virus type 1 (HSV-1) and type 2 (HSV-2) binds complement component C3b and protects virus from complement-mediated neutralization. Differences in complement interacting domains exist between gC of HSV-1 (gC1) and HSV-2 (gC2), since the amino terminus of gC1 blocks complement C5 from binding to C3b, while gC2 fails to interfere with this activity.
Keywords	HSV1 gC; HSV-1 gC; HSV1 Glycoprotein C; HSV-1 Glycoprotein C; HSV type 1 gC; HSV type 1 Glycoprotein C; HSV-1

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