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Datasheet for ABIN457436

anti-HSV-1+2 gB antibody

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Overview

Quantity:	0.1 mg
Target:	HSV-1+2 gB (HSV1/2 gB)
Reactivity:	Herpes Simplex Virus (HSV)
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HSV-1+2 gB antibody is un-conjugated
Application:	Immunocytochemistry (ICC), ELISA

Product Details

Immunogen:	Exctract of HSV-1 infected VERO (green monkey kidney) cells.
Clone:	T111
Isotype:	IgG2b
Specificity:	The antibody T111 recognizes gB antigen of both HSV1 and HSV2 (Herpes Simplex Virus type 1 and 2), a dsDNA virus, member of Herpesviridae family.
Cross-Reactivity (Details):	HSV
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

Target Details

Target:	HSV-1+2 gB (HSV1/2 gB)

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Target Details

Alternative Name:	HSV1 + HSV2 (glycoprotein B) (HSV1/2 gB Products)
Target Type:	Viral Protein
Background:	Envelope glycoprotein B,Herpes simplex virus (HSV) is a virus that manifests itself in two common viral infections. There are actually two types of herpes simplex virus, HSV1 and HSV2. These are very similar in many ways, and both can cause either oral herpes or genital herpes. HSV1 - most commonly develops into oral herpes infecting the lips (fever blisters or cold sores). HSV1 can also infect the genital area causing sores to develop. HSV2 - generally infects the genital area (genital herpes), however, HSV2 can also infect the mouth.,HSVGB, HSV-1 gB, HSV-2 gB
Gene ID:	24271469
UniProt:	P10211

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	**Do not freeze.**
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.

Publications

Product cited in:	Mboumba Bouassa, Péré, Gubavu, Prazuck, Jenabian, Veyer, Meye, Touzé, Bélec: "Serum and cervicovaginal IgG immune responses against α7 and α9 HPV in non-vaccinated women at risk for cervical cancer: Implication for catch-up prophylactic HPV vaccination." in: **PLoS ONE**, Vol. 15, Issue 5, pp. e0233084, (2020) (PubMed).

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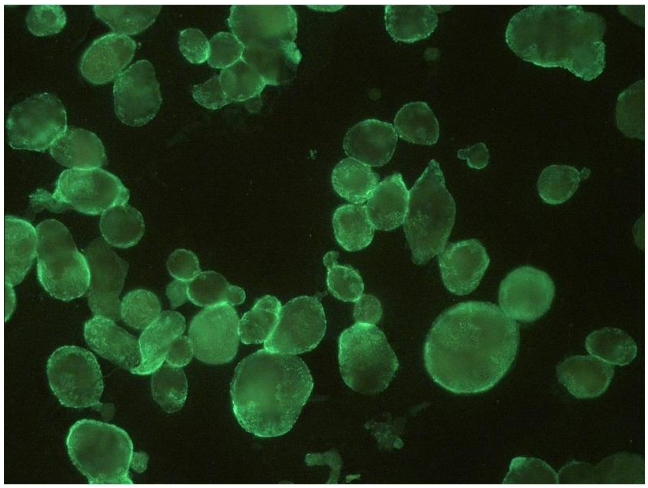
Publications

Bystrická, Zatovicová, Petríková, Soláriková, Russ, Ziegler: "Monoclonal antibodies suitable for type-specific identification of herpes simplex viruses by a rapid culture assay." in: **Acta virologica**, Vol. 43, Issue 6, pp. 399-402, (2000) (PubMed).

Bystrická, Petríková, Zatovicová, Soláriková, Kostolanský, Mucha, Russ: "Monoclonal antibodies to the distinct antigenic sites on glycoproteins C and B and their protective abilities in herpes simplex virus infection." in: **Acta virologica**, Vol. 41, Issue 1, pp. 5-12, (1997) (PubMed).

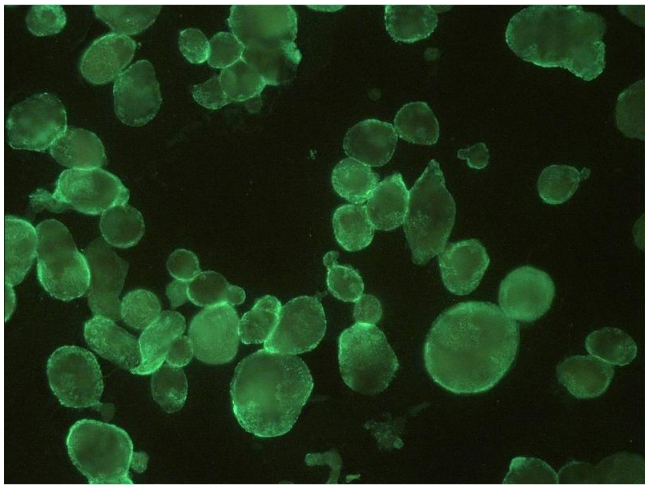
Bystrická, Vancíková, Kasalová, Rajcáni, Kostál, Murányiová, Poláková, Russ: "Type-common and type-specific monoclonal antibodies to herpes simplex virus types 1 and 2." in: **Acta virologica**, Vol. 35, Issue 2, pp. 152-64, (1991) (PubMed).

Images



Immunocytochemistry

Image 1. Immunocytochemistry detection of HSV by monoclonal antibody T111 in infected cells.



Immunofluorescence

Image 2.

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