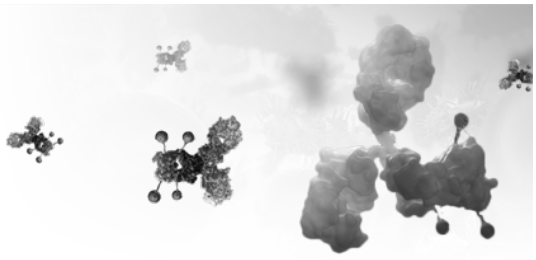

Anti-HSV 1 chimeric monoclonal antibody, clone 25B23H0 (CABT-L2407)

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

PRODUCT INFORMATION

Product Overview	It is a Mouse/Human chimeric monoclonal antibody produced in transgenic mice by replacing the mouse sequence of the heavy chain constant region (IgM, IgG or IgA loci) by the corresponding human sequence. After immunization with the antigen of interest, generated antibody clones are cultivated by standard hybridoma techniques. They consist of the human constant region of the heavy chain, mouse variable region of the heavy chain and mouse light chain. The human constant region of the heavy chain can be directly recognized by the anti-human conjugate, which is used in numerous in vitro diagnostic assays.
Specificity	This antibody recognizes HSV 1
Target	HSV 1
Isotype	IgM
Source/Host	Mouse
Species Reactivity	Virus
Clone	25B23H0
Purification	Unpurified
Conjugate	Unconjugated
Applications	ELISA
Preparation	The antibody has been generated in transgenic mice whose sequence for the IgM heavy chain constant region is replaced by the corresponding human sequence. After immunization of mice, a hybridoma cell line has been established. The antibody is produced industrially by standard

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	hybridoma cell line techniques under sterile conditions. The antibody is presented in cell culture supernatant.
Format	Liquid
Size	1 ml
Buffer	This cell culture supernatant is supplied in Iscove's Modified Dulbecco's Medium (IMDM), supplemented with 5% FBS, 1% L-Glutamine, 1% Penicillin/Streptomycin, 50 µM 2-Mercaptoethanol.
Preservative	0.09% Sodium Azide
Storage	2–8 °C. Do not use if turbid.
Ship	Wet ice

BACKGROUND

Introduction	Herpes simplex virus type 1 (HSV1) is usually associated with infections of the lips, mouth, and face. It is the most common herpes simplex virus and is usually acquired in childhood. HSV-1 often causes lesions inside the mouth such as cold sores (fever blisters) and is transmitted by contact with infected saliva. Glycoprotein G is suggested to contribute to viral entry through apical surfaces of polarized cells.
Keywords	Herpes simplex virus 1;Herpes Simplex Virus;Herpes Simplex Virus Type 1;HSV 1;Human herpesvirus 1;Human herpesvirus type 1;

GENE INFORMATION

Synonyms	Herpes simplex virus 1; Herpes Simplex Virus; Herpes Simplex Virus Type 1; HSV 1; Human herpesvirus 1; Human herpesvirus type 1;

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