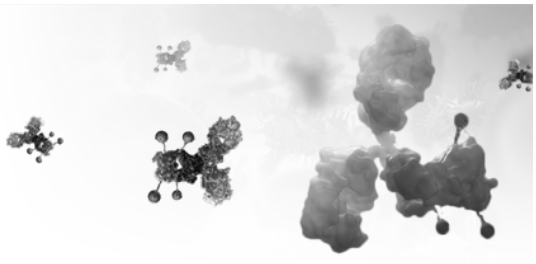

Anti-Human RSV F protein chimeric monoclonal antibody, clone J6C5 (CABT-L2445)

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 targets protein F of hRSV
Target	Human RSV F protein
Isotype	IgA
Source/Host	Mouse
Species Reactivity	RSV
Clone	J6C5
Purification	Unpurified
Conjugate	Unconjugated
Applications	ELISA
Format	Liquid
Buffer	Supplied in IMDM, 10% fetal bovine serum (FBS), 1% penicillin – streptomycin, 1% sodium

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	pyruvate, 1% non essential aminoacids, 50 µM β mercaptoethanol
Preservative	0.09% Sodium Azide
Storage	2–8 °C
Ship	Wet ice

BACKGROUND

Introduction	Human respiratory syncytial virus (RSV) is a virus that causes respiratory tract infections. It is a major cause of lower respiratory tract infections and hospital visits during infancy and childhood. A prophylactic medication (not a vaccine) exists for preterm (under 35 weeks gestation) infants, infants with certain congenital heart defects (CHD) or bronchopulmonary dysplasia (BPD), and infants with congenital malformations of the airway. Treatment is limited to supportive care (for example C-PAP), including oxygen therapy.
Keywords	RSV;Respiratory syncytial virus;Human respiratory syncytial virus;Human RSV

GENE INFORMATION

Synonyms	RSV; Respiratory syncytial virus; Human respiratory syncytial virus; Human RSV

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