



Anti-Human β -lactoglobulin chimeric monoclonal antibody, clone 25I2 (CABT-L2429)

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

PRODUCT INFORMATION

Product Overview

Isotype: IgA with human Fc

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 antihuman conjugate, which is used in numerous in vitro diagnostic assays.

Specificity

This antibody directed against β -lactoglobulin.

Target

Human β -lactoglobulin

Isotype

IgA

Source/Host

Mouse

Species Reactivity

N/A

Clone

25I2

Conjugate

Unconjugated

Applications

Control, ELISA, IA

Format

Liquid

Buffer

Purified format supplied in 20mM HEPES, pH7.4, 250mM NaCl, 10% Glycerol
Supernatant supplied in IMDM, 10% fetal bovine serum (FBS), 1% penicillin – streptomycin, 1% sodium pyruvate, 1% non essential aminoacids, 50 μ M β mercaptoethanol

Preservative	0.1% Sodium Azide
Storage	2–8 °C
Ship	Wet ice

BACKGROUND

Introduction β -Lactoglobulin is the major whey protein of cow and sheep's milk (~3 g/l), and is also present in many other mammalian species; a notable exception being humans. Its structure, properties and biological role have been reviewed many times.

Keywords β -Lactoglobulin; β Lg

GENE INFORMATION

Synonyms β -Lactoglobulin; β Lg
