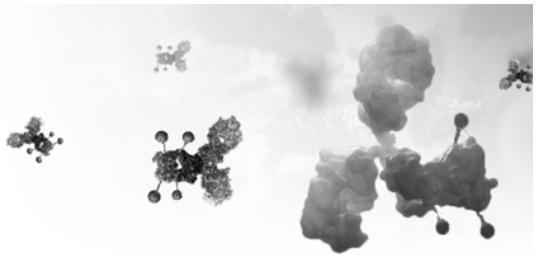

Mouse anti-Human CSN2 monoclonal antibody, clone G30.25 (CABT-B10036)

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

PRODUCT INFORMATION

Specificity	Reacts with human beta casein (Mw 29KDa).There is no cross reactivity with lactoferrin, alpha Lactalbumin or Lysozyme. Has not been shown to work in IHC-P.
Immunogen	Human CSN.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	G30.25
Conjugate	Unconjugated
Applications	WB, IHC, ELISA
Format	Liquid
Buffer	In PBS (50% glycerol)
Storage	Store at 4°C. For long term storage store at -20°C.Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene is a member of the beta casein family. There are two types of casein protein, beta (encoded by this gene) and kappa, both of which are secreted in human milk. Beta casein is the principal protein in human milk and the primary source of essential amino acids for a suckling

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	infant. Beta and kappa casein proteins acting together form spherical micelles which bind within them important dietary minerals, such as calcium and phosphorous. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2014]
Keywords	CSN2; casein beta; CASB; beta-casein;

GENE INFORMATION

Entrez Gene ID	1447
UniProt ID	P05814
Pathway	Glucocorticoid receptor regulatory network, organism-specific biosystem; Nuclear signaling by ERBB4, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by ERBB4, organism-specific biosystem; Signaling events mediated by PTP1B, organism-specific biosystem;
Function	calcium ion binding; enzyme inhibitor activity; transporter activity;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221