



Magic™ Mouse Anti-Canine AGP Monoclonal antibody, clone DB02 (DMAB-CS25021)

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

PRODUCT INFORMATION

Specificity	Canine AGP
Target	Canine AGP
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Canine
Clone	DB02
Conjugate	Unconjugated
Applications	ELISA(Det), LFIA, CLIA, TINIA, POCT We recommend the following antibodies for sandwich immunoassay (Capture - Detection): DMAB-CS25020 - DMAB-CS25021
Format	Lyophilized
Size	1 mg
Buffer	Lyophilized from sterile PBS, PH 7.4
Preservative	None
Storage	Store at -20°C to -80°C under sterile conditions. Avoid repeated freeze-thaw cycles.

BACKGROUND

Introduction

Alpha-1-acid glycoprotein (AGP) or orosomucoid (ORM) is a 41-43-kDa glycoprotein with a pI of 2.8-3.8. The peptide moiety is a single chain of 183 amino acids (human) or 187 amino acids (rat) with two and one disulfide bridges in humans and rats, respectively. The carbohydrate content represents 45% of the molecular weight attached in the form of five to six highly sialylated complex-type-N-linked glycans. AGP is one of the major acute phase proteins in humans, rats, mice and other species. As most acute phase proteins, its serum concentration increases in response to systemic tissue injury, inflammation or infection, and these changes in serum protein concentrations have been correlated with increases in hepatic synthesis.

Keywords

AGP; AAG; alpha-1-acid glycoprotein; Orosomucoid; ORM