



# Magic™ Mouse Anti-Feline AGP Monoclonal antibody, clone 2S197 (DMAB-CS24328)

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

## PRODUCT INFORMATION

Specificity	Feline AGP
Target	Feline AGP
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Feline
Clone	2S197
Conjugate	unconjugated
Applications	ELISA (Cap), LFIA
Format	Liquid
Size	1 mg
Buffer	PBS
Preservative	None
Storage	Stored at 2°C-8°C.

## 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
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(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.

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**Keywords**

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

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