



# Dromedary Anti-Human gelsolin FAF Monoclonal Antibody, clone Oc2 (CABT-Z355D)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	This antibody comes with a COOH-terminal HA epitope tag.
<b>Specificity</b>	The antibody interacts with the peptide precursor, known as C68 gelsolin, and protects partially against MT1-MMP degradation of C68. It promotes a therapeutic effect when injected in mice that recapitulate the disease.
<b>Immunogen</b>	8 kDa gelsolin amyloidogenic peptide derived from FAF mutant gelsolin.
<b>Source/Host</b>	Dromedary
<b>Species Reactivity</b>	Human
<b>Clone</b>	Oc2
<b>Purification</b>	Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Pharmacodynamics, WB, ELISA
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µg
<b>Buffer</b>	20 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1mM DTT, 60 % glycerol.
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C upon arrival. For long term storage, aliquot and store at -80°C. Avoid repeated

freeze/thaw cycles.

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**Ship**

Wet ice

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## BACKGROUND

### Introduction

Gelsolin is a ubiquitously expressed cytoskeletal protein and textbook example of an F-actin severing protein. It breaks the non-covalent bonds between actin monomers in a filament and remains bound to the fast growing or capping end of a filament. Gelsolin expression has been reported to fluctuate in cancer cells and this has been linked to altered motility and invasive behavior of cancer cells. Variation in plasma gelsolin levels is thought to reflect different disease states.

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### Keywords

GSN;gelsolin;gelsolin (amyloidosis, Finnish type);amyloidosis;Finnish type;DKFZp313L0718

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## GENE INFORMATION

**Gene Name**

GSN

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**Entrez Gene ID**

[2934](#)

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**UniProt ID**

[P06396](#)

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