



# Human Anti-Human CALCA (Erenumab) Monoclonal antibody, clone Erenumab (CABT- CS562)

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

## PRODUCT INFORMATION

<b>Specificity</b>	CALCA
<b>Target</b>	CALCA
<b>Isotype</b>	IgG2
<b>Source/Host</b>	Human
<b>Species Reactivity</b>	Human
<b>Clone</b>	Erenumab
<b>Purification</b>	Protein A
<b>Conjugate</b>	unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Size</b>	1 mg
<b>Buffer</b>	PBS, pH 7.4. Contains no stabilizers or preservatives
<b>Preservative</b>	None
<b>Storage</b>	2 weeks, 2-8°C under sterile conditions after reconstitution. Avoid repeated freeze-thaw. -80°C for a long-term storage.

# BACKGROUND

## Introduction

Calcitonin gene-related peptide (CGRP) is a 37-amino acid neuropeptide. Discovered 30 years ago, it is produced as a consequence of alternative RNA processing of the calcitonin gene. CGRP has two major forms ( $\alpha$  and  $\beta$ ). It belongs to a group of peptides that all act on an unusual receptor family. These receptors consist of calcitonin receptor-like receptor (CLR) linked to an essential receptor activity modifying protein (RAMP) that is necessary for full functionality.

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## Keywords

CALCA; CGRP; CALC1; CGRP1; calcitonin-related polypeptide alpha; CGRP-alpha

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