



Human Anti-Human CALCA (Fremanezumab) Monoclonal antibody, clone Fremanezumab (CABT-CS563)

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

PRODUCT INFORMATION

Specificity	CALCA
Target	CALCA
Isotype	IgG4
Source/Host	Human
Species Reactivity	Human
Clone	Fremanezumab
Purification	Protein A
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Size	1 mg
Buffer	PBS, pH 7.4. Contains no stabilizers or preservatives
Preservative	None
Storage	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 (α and β). 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.
Keywords	CALCA; CGRP; CALC1; CGRP1; calcitonin-related polypeptide alpha; CGRP-alpha