

PRODUCT INFORMATION

Clone ID	7C1
Target	CGRP
Synonyms	CALC1;CALCA;CGRP-alpha;CGRP-I;CGRP1;CT;KC;PCT
Host Species	Rabbit
Description	Anti-CGRP antibody(7C1); IgG1 Chimeric mAb
Delivery	In Stock
Uniprot ID	P06881
IgG type	Rabbit/Human Fc chimeric IgG1
Clonality	Monoclonal
Reactivity	Human
Applications	Flow Cyt
Recommended Dilutions	Flow Cyt 1/100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene encodes the peptide hormones calcitonin, calcitonin gene-related peptide and katacalcin by tissue-specific alternative RNA splicing of the gene transcripts and cleavage of inactive precursor proteins. Calcitonin is involved in calcium regulation and acts to regulate phosphorus metabolism. Calcitonin gene-related peptide functions as a vasodilator and as an antimicrobial peptide while katacalcin is a calcium-lowering peptide. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Aug 2014]
Usage	Research use only



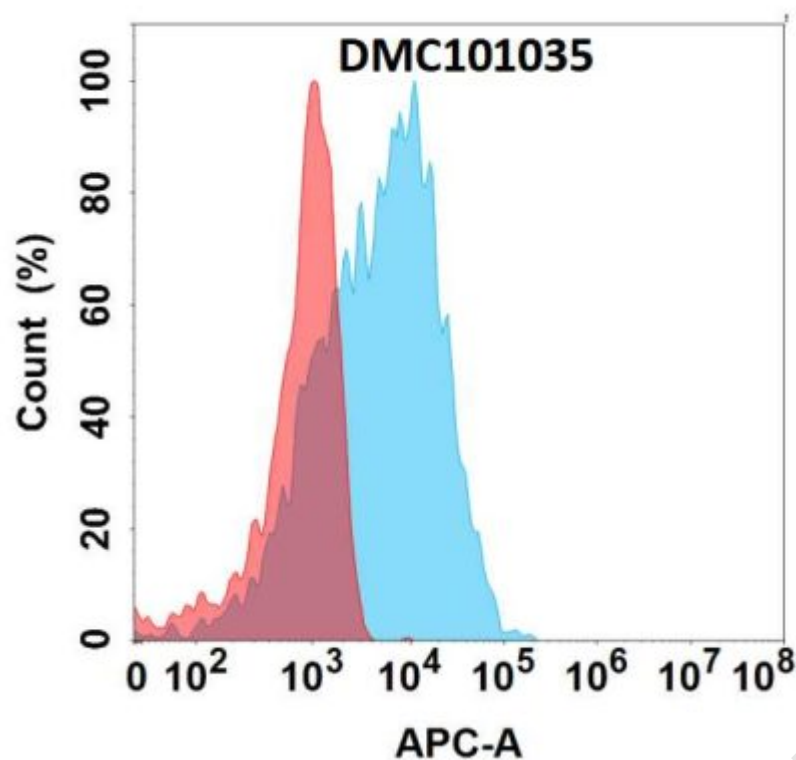


Figure 1. Flow cytometry analysis (Intracellular) with Anti-CGRP (7C1) mAb on Expi293 cells transfected with human CGRP (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

