# FAM129C Conjugated Antibody

Catalog No: #C46562

Package Size: #C46562-AF350 100ul #C46562-AF405 100ul #C46562-AF488 100ul #C46562-AF555 100ul #C46562-AF594 100ul #C46562-AF647 100ul #C46562-AF680 100ul #C46562-AF750 100ul #C46562-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

## Description

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|---|---|
| Product Name | FAM129C Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous levels of total FAM129C protein. |
| Immunogen Description | Synthetic peptide corresponding to residues near the C terminal of human FAM129C |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | BCNP1 |
| Accession No. | Swiss-Prot#:Q86XR2 NCBI Gene ID:199786NCBI Protein#:NP_775815 |
| Uniprot | Q86XR2 |
| GeneID | 199786; |
| Excitation Emission | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm |
| Formulation | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide |
| Storage | Store at 4°C in dark for 6 months |

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

FAM129C, also known as BCNP1, BCNP1 is a 697 amino acid protein that belongs to the Niban family. Specifically expressed in B-lymphocytes, BCNP1 exists as five alternatively spliced isoforms. BCNP1 is highly expressed in B-cell malignancies, lymph node and spleen, with little to no expression in other tissues, including other hemopoietic tissues. The gene encoding the BCNP1 protein maps to human chromosome 19p13.11. Consisting of around 63 million bases with over 1,400 genes, chromosome 19 makes up over 2% of human genomic DNA. Chromosome 19 includes a diversity of interesting genes and is recognized for having the greatest gene density of the human chromosomes. It is the genetic home for a number of immunoglobulin superfamily members including the killer cell and leukocyte Ig-like receptors, a number of ICAMs, the CEACAM and PSG family, and Fc? receptors. Key genes for eye color and hair color also map to chromosome 19.

Note: This product is for in vitro research use only