

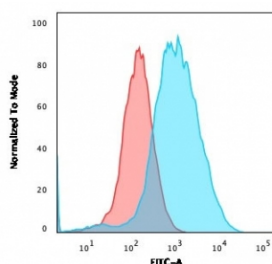
## Recombinant Plakoglobin Antibody / Gamma Catenin [clone rCTNG/1664] (V7898)

Catalog No.	Formulation	Size
V7898-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7898-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7898SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

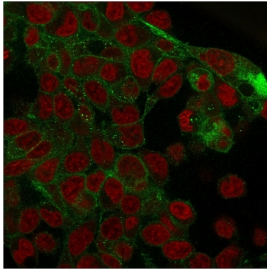
Recombinant **MOUSE MONOCLONAL**

[Bulk quote request](#)

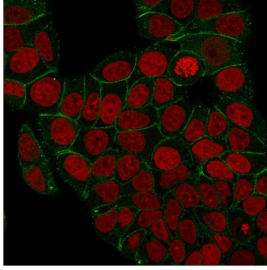
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Recombinant Mouse Monoclonal
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	rCTNG/1664
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P14923
<b>Applications</b>	ELISA (order BSA-free Format For Coating) : Flow Cytometry : 1-2ug/10 <sup>6</sup> cells in 0.1ml Immunofluorescence : 1-2ug/ml Western Blot : 1-2ug/ml
<b>Limitations</b>	This recombinant Plakoglobin antibody is available for research use only.



Flow cytometry testing of PFA-fixed human MCF7 cells with recombinant Plakoglobin antibody (clone rCTNG/1664); Red=isotype control, Blue= recombinant Plakoglobin antibody.



Immunofluorescent staining of PFA-fixed human HepG2 cells with recombinant Plakoglobin antibody (clone rCTNG/1664, green) and Reddot nuclear stain (red).



Immunofluorescent staining of PFA-fixed human MCF7 cells with recombinant Plakoglobin antibody (clone rCTNG/1664, green) and Reddot nuclear stain (red).

## Description

It recognizes a protein of 80-87kDa, identified as gamma-catenin. The catenins (-T-catenin, is located on chromosome 10, and mutations in this gene show a strong correlation to late-onset Alzheimer's disease (LOAD) as well as to dilated cardiomyopathy.

## Application Notes

Optimal dilution of the recombinant Plakoglobin antibody should be determined by the researcher.

## Immunogen

Recombinant human full length protein was used as the immunogen for the recombinant Catenin gamma antibody.

## Storage

Store the recombinant Plakoglobin antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).