

Mouse anti-Plakoglobin, clone 15F11 (Monoclonal)

Clone no. 15F11

MONOSAN

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Product name	Mouse anti-Plakoglobin, clone 15F11 (Monoclonal)
Host	Mouse
Applications	IF,IP,WB
Species reactivity	human, rat
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	15F11
Size	1 ml
Concentration	100 ug/ ml
Format	-
Storage buffer	PBS with 0.1% BSA and 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

Plakoglobin, also known as gamma-catenin belongs together with alpha- and beta catenin to the catenin family. Catenins mediates cell-cell adhesion by interaction with cadherins. Plakoglobin is found in desmosomes and adherens junctions. Plakoglobin is highly homologous to beta-catenin although its function differs from that of beta-catenin. Whereas beta-catenin has been found in potentiating hyperproliferation and tumor formation, plakoglobin can suppress tumorigenicity. Overexpression of plakoglobin has been shown to suppress cell proliferation and cell tumorigenicity in animals. Furthermore reduced plakoglobin expression has been found in tumor tissues and metastatic lesions of renal cells, esophageal carcinomas and in skin carcinomas. The monoclonal antibody 15F11 cross reacts with rat and weakly with mouse.

**References**

1. Sacco; P et al. J Biol Chem 1995; 34: 20201
2. Wahl, J et al J Cell Sci 1996, 109: 1143
3. Lewis; J et al. J Cell Biol 1997; 136: 919
4. Amitay R et al. Am J Pathol 2001; 159: 43
5. -

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