

CoraLite®594-conjugated RBBP9 Monoclonal antibody

Catalog Number: **CL594-66015**

Basic Information

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| Catalog Number: CL594-66015 | GenBank Accession Number: BC015938 | Purification Method: Protein A purification |
| Size: 1000 µg/ml | GeneID (NCBI): 10741 | CloneNo.: 3D5E11 |
| Source: Mouse | UNIPROT ID: O75884 | Excitation/Emission maxima wavelengths: 588 nm / 604 nm |
| Isotype: IgG2b | Full Name: retinoblastoma binding protein 9 | |
| Immunogen Catalog Number: AG17864 | Calculated MW: 186 aa, 21 kDa | |
| | Observed MW: 22 kDa | |

Applications

Tested Applications:

Species Specificity:
human

Background Information

RBBP9, also named as BOG, RBBP10, RBBP-9, RBBP-10 and Protein BOG, belongs to the RBBP9 family. It may play a role in the transformation process due to its capacity to confer resistance to the growth-inhibitory effects of TGF- β 1 through interaction with retinoblastoma and the subsequent displacement of E2F-1. RBBP9 is a tumor-associated serine hydrolase activity required for pancreatic neoplasia. It mediates suppression of TGF- β signaling is required for E-cadherin expression as loss of the serine hydrolase activity leads to a reduction in E-cadherin levels and a concomitant decrease in the integrity of tumor cell-cell junctions. RBBP9 protein levels were equivalent in paired primary tumor and nonneoplastic specimens (PMID:20080647)

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

