

Anti-Smad4 Rabbit Monoclonal Antibody, Clone#RM277

Catalog Number: M00074-1

Overview

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| Product Name | Anti-Smad4 Rabbit Monoclonal Antibody, Clone#RM277 |
| Reactive Species | Human |
| Description | Boster Bio Anti-Smad4 Rabbit Monoclonal Antibody, Clone#RM277 (Catalog # M00074-1). Tested in IHC, WB applications. This antibody reacts with Human. |
| Application | IHC, WB |
| Clonality | Monoclonal RM277 |
| Formulation | 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide |
| Storage Instructions | Store at -20°C for one year. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | Q13485 |

Technical Details

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|----------------------------|---|
| Immunogen | A peptide corresponding to the C-terminus of human Smad4. |
| Predicted Reactive Species | Mouse, Rat |
| Cross Reactivity | This antibody reacts to human Smad4. This antibody may also react to mouse or rat Smad4, as predicted by immunogen homology. |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure. |
| Purification | Protein A affinity purified from an animal origin-free culture supernatant |
| Suggested Dilutions | <p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Immunohistochemistry (IHC): 1:1000-1:2000 dilution</p> <p>WB: 1:500-1:1000 dilution.</p> |

Anti-Smad4 Rabbit Monoclonal Antibody, Clone#RM277 (M00074-1) Images

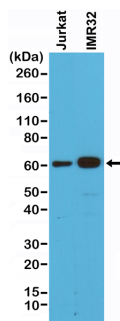


Figure 1. Western Blotting result
Western Blot of Jurkat and IMR32 cells lysates using Anti-Smad4 Rabbit Monoclonal Antibody (Clone RM277) at a 1:500 dilution.

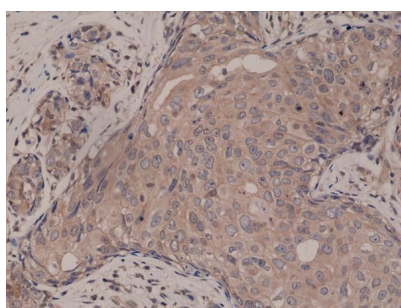


Figure 2. IHC result
Immunohistochemical staining of formalin fixed and paraffin embedded human breast cancer tissue sections using Anti-Smad4 Rabbit Monoclonal Antibody (Clone RM277) at a 1:2000 dilution.

2 Publications Citing This Product

1. PubMed ID: 25371235, TGF β 2 regulates the proliferation of lung adenocarcinoma cells by inhibiting PIK3R3 expression
2. PubMed ID: 27019660, Effect of Kujiie Granule on the Expression of TGF β /Smads Signaling Pathway in Patients with Ulcerative Colitis

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