

AB-NN288-1

Malin Antibody

Pan-specific monoclonal antibody (S85-18) for monitoring the expression of human Malin



KINEXUS

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Target Protein

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|--------------------------------------|--|
| Name Long: | E3 ubiquitin-protein ligase NHLRC1 |
| Alias: | E3 ubiquitin-protein ligase NHLRC1, NHLRC 1, NHL repeat containing 1, EPM2A, EPM2B, MGC119262, MGC119264, MGC119265, NHL repeat containing protein 1 |
| UniProt ID: | Q6VVB1 - Human |
| Human Predicted Mass (KDa): | 42.293 (395 AA; Q6VVB1-1) |
| Observed SDS-PAGE Mass (KDa): | 42 |

Immunogen

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| Antibody Immunogen Source: | Fusion protein amino acids 2-125 (N-terminus encompassing RING domain) of human Malin. 86% identical to rat, and 77% identical to mouse. |
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Production

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| Antibody Host Species: | Mouse |
| Antibody Type: | Monoclonal |
| Antibody Ig Isotype Clone Lot: | IgG1 |
| Antibody Purification: | Protein G purified |
| Amount: | 25 µg |
| Antibody Concentration: | 1 mg/ml |
| Lot Number: | 15DE1 |
| Storage Buffer: | Phosphate buffered saline pH 7.4, 50% glycerol, 0.1% sodium azide |
| Storage Conditions and Stability: | For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. |

Applications

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|---|---|
| Product Use: | WB ICC/IF |
| Antibody Dilution Recommended: | WB (1:1000); optimal dilutions for assays should be determined by the user. |
| Antibody Species Reactivity: | Human |
| Antibody Positive Control: | 1 µg/ml of SMC-444 was sufficient for detection of malin in 20 µg of transiently (malin) transfected COS cell lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody. |
| Target Detection Immunoblotting: | In mouse brain lysates, this antibody detects a ~42 kDa protein. |
| Antibody Specificity: | High |
| Antibody Cross Reactivities: | Weak target protein and prominent ~65 kDa cross-reactive protein in mouse brain lysates. |

This product is for in vitro research use only and is not intended for use in humans or animals.

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