

Mouse anti-NHERF, clone EBP-10 (Monoclonal)

Clone no. EBP-10

MONOSAN

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|---------------------------|--|
| Product name | Mouse anti-NHERF, clone EBP-10 (Monoclonal) |
| Host | Mouse |
| Applications | IP, WB, IHC-P |
| Species reactivity | Human |
| Conjugate | - |
| Immunogen | Bacterially produced recombinant full-length human NHERF1. |
| Isotype | IgG1 kappa |
| Clonality | Monoclonal |
| Clone number | EBP-10 |
| Size | 0.1 mg |
| Concentration | 1 mg/ml |
| Format | - |
| Storage buffer | Phosphate buffered saline (PBS) solution with 15 mM 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

NHERF1 (Na⁺/H⁺ exchanger regulatory factor 1), also known as EBP50 (ezrin, radixin, moesin-binding phosphoprotein 50) is an adaptor protein, which associates with beta-catenin and is required for its localization at the cell-cell junctions, interacts with various G protein-coupled receptors and regulates their traffic, as well as sodium-hydrogen exchange and sodium-dependent phosphate transport. NHERF1/EBP50 inhibits cell motility and is required to suppress anchorage-independent growth. It contains C-terminal ERM (ezrin, radixin, moesin)-binding region and two N-terminal PDZ (postsynaptic-density-95/disc-large/ZO1 homology) domains and is able to form head-to-tail intramolecular conformation to regulate its interactions.

References

1. -
2. -
3. -
4. -
5. -

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