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## Product Datasheet

### **Anti-Kv3.4 K<sup>+</sup> Channel Antibody, IgG1, Clone: [N72/16], Unconjugated, Mouse, Monoclonal ANI-75-112**

|                            |                                                                                                                                                                                                                                                                                       |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Anti-Kv3.4 K <sup>+</sup> Channel Antibody, IgG1, Clone: [N72/16], Unconjugated, Mouse, Monoclonal                                                                                                                                                                                    |
| Biozol Catalog Number      | ANI-75-112                                                                                                                                                                                                                                                                            |
| Supplier Catalog Number    | 75-112                                                                                                                                                                                                                                                                                |
| Alternative Catalog Number | ANI-75-112                                                                                                                                                                                                                                                                            |
| Manufacturer               | Antibodies Incorporated                                                                                                                                                                                                                                                               |
| Host                       | Mouse                                                                                                                                                                                                                                                                                 |
| Category                   | Antikörper                                                                                                                                                                                                                                                                            |
| Application                | ELISA, ICC, IHC, IP, WB                                                                                                                                                                                                                                                               |
| Species Reactivity         | Human, Mouse, Rat                                                                                                                                                                                                                                                                     |
| Immunogen                  | Synthetic peptide amino acids 175-192 (GDEAGDDERELALQRLGP) of rat Kv3.4 (accession number Q63734)                                                                                                                                                                                     |
| Conjugation                | Unconjugated                                                                                                                                                                                                                                                                          |
| Product Description        | Our Anti-Kv3.4 K <sup>+</sup> channel mouse monoclonal primary antibody from NeuroMab is produced in-house from hybridoma clone N72/16. It detects human, mouse, and rat Kv3.4 K <sup>+</sup> channel, and is purified by Protein A chromatography. It is great for use in IHC, IC... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                                            |
| Concentration              | 1 mg/mL                                                                                                                                                                                                                                                                               |
| Clone Designation          | [N72/16]                                                                                                                                                                                                                                                                              |

|                    |                                                                                                               |
|--------------------|---------------------------------------------------------------------------------------------------------------|
| Molecular Weight   | 70 kDa (100 kDa in brain due to glycosylation)                                                                |
| Isotype            | IgG1                                                                                                          |
| UniProt            | <a href="#">Q63734</a>                                                                                        |
| Buffer             | 10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.40                                                |
| Target             | Kv3.4 K <sup>+</sup> channel                                                                                  |
| Antibody Type      | Primary Antibody                                                                                              |
| Application Dilute | Dilution Range: WB: 1:1000. Dilution Range: IHC: 1:500. Dilution Range: ICC: 1:500. Dilution Range: IP: 50 ug |
| Application Notes  | Format: Purified by Protein A chromatography                                                                  |