

PRODUCT INFORMATION

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| Clone ID | 21C2 |
| Target | GFAP |
| Synonyms | ALXDRD |
| Host Species | Rabbit |
| Description | Anti-GFAP(68-377) antibody(21C2), Rabbit mAb |
| Delivery | In Stock |
| Uniprot ID | P14136 |
| IgG type | Rabbit IgG |
| Clonality | Monoclonal |
| Reactivity | Human |
| Applications | ELISA |
| Recommended Dilutions | ELISA 1:5000-10000 |
| Purification | Purified from cell culture supernatant by affinity chromatography |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage & Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | This gene encodes one of the major intermediate filament proteins of mature astrocytes. It is used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this gene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Oct 2008] |
| Usage | Research use only |



Anti-GFAP (21C2) mAb ELISA

0.1 μg of Human GFAP (68-377) Protein, His tagged protein per well

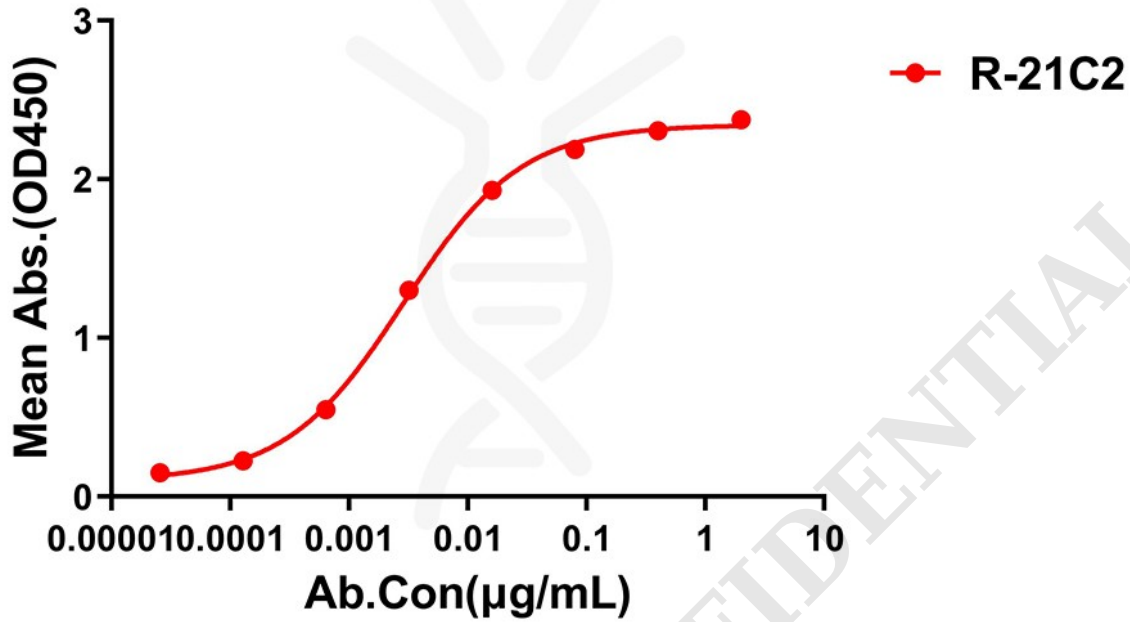


Figure 1. ELISA plate pre-coated by 1 $\mu\text{g}/\text{ml}$ (100 $\mu\text{l}/\text{well}$) Human GFAP(68-377) protein, His tagged protein (PME100667) can bind Rabbit anti-GFAP(68-377) monoclonal antibody(clone: 21C2) in a linear range of 1-50 ng/ml.

