

**PRODUCT INFORMATION**

<b>Clone ID</b>	21H9
<b>Target</b>	GFAP
<b>Synonyms</b>	ALXDRD
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-GFAP(68-377) antibody(21H9), Rabbit mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P14136
<b>IgG type</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA 1:5000-10000
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Formulation &amp; Reconstitution</b>	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.
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	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]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



## Anti-GFAP (21H9) mAb ELISA

0.1  $\mu$ g of Human GFAP (68-377) Protein, His tagged protein per well

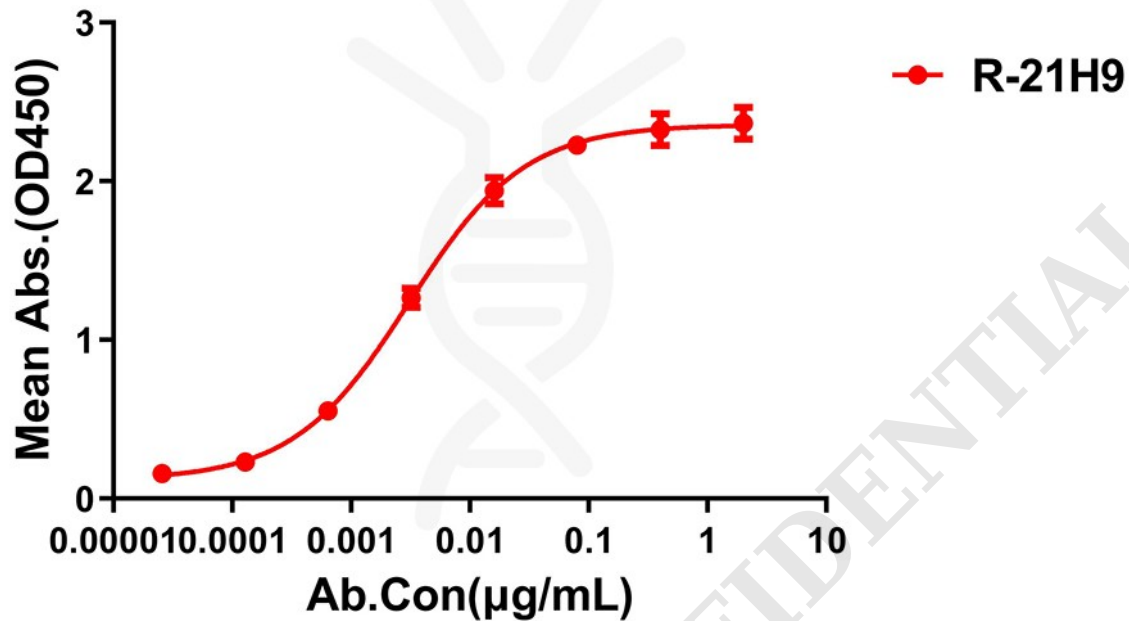


Figure 1. ELISA plate pre-coated by 1  $\mu$ g/ml (100  $\mu$ l/well) Human GFAP(68-377) protein, His tagged protein (PME100667) can bind Rabbit anti-GFAP(68-377) monoclonal antibody(clone: 21H9) in a linear range of 1-50 ng/ml.

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