

PRODUCT INFORMATION

Clone ID	21H9
Target	GFAP
Synonyms	ALXDRD
Host Species	Rabbit
Description	Anti-GFAP(68-377) antibody(21H9), 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 (21H9) mAb ELISA

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

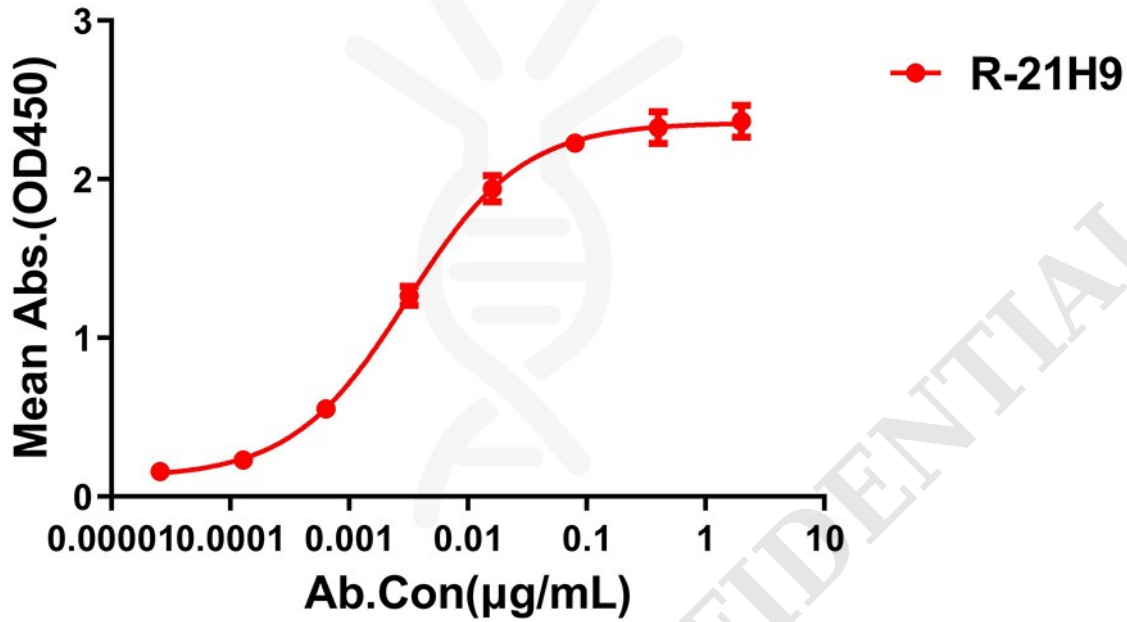


Figure 1. ELISA plate pre-coated by 1 $\mu\text{g/ml}$ (100 $\mu\text{l/well}$) Human GFAP(68-377) protein, His tagged protein (PME100667) can bind Rabbit anti-GFAP(68-377) monoclonal antibody(clone: 21H9) in a linear range of 1-50 ng/ml.

