

DATASHEET

Tau (S305) Mouse Monoclonal Antibody(ARA976)

CAT. NO. ARA6842

KEY FEATURES

Target	Tau (S305)	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	ELISA	Storage	-20°C

BACKGROUND

Tau (S305) refers to a specific site on the tau protein, where a mutation in the S305N form is associated with a form of frontotemporal dementia. Research shows that phosphorylation at the S305 site normally inhibits tau aggregation, a process linked to neurodegenerative diseases like Alzheimer's and frontotemporal dementia. Mutations at this site, such as S305N, increase the proportion of a specific tau isoform (4R) and can disrupt normal brain cell function.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

ELISA	1:100 - 1:200
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Antibody Specificity	Recognizing Tau protein containing S305 and S356 peptides that share a sequence of HVPGGG
Isotype	IgG2b
Immunogen	Recombinant human Tau (phospho)
Cross Reactivity	Not tested
Recombinant	Not recombinant
Purification	Protein A purification
Form/Buffer	PBS, carrier-free, with optional 0.09% sodium azide
Conjugation	Unconjugated

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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