

DATASHEET

pTau205 Mouse Monoclonal Antibody(ARA981)

CAT. NO. ARA6847

KEY FEATURES

Target	pTau205	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	ELISA	Storage	-20°C

BACKGROUND

pTau205 (phosphorylated tau at position 205) is a developing biomarker for Alzheimer's disease (AD) specifically linked to the presence and advancement of mature tau neurofibrillary tangles (NFTs), a key feature of the disease.

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	Raised against a peptide immunogen containing phosphorylated T205. The antibody recognizes pTau protein with an epitope containing phosphorylated T205. The antibody also reacts with phosphorylated S202
Isotype	IgG1
Immunogen	Human MAPT peptide
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.

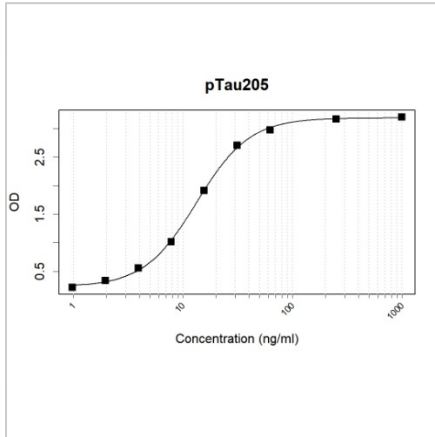
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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Sandwich ELISA analysis of pTau205 by ARA6847 & ARA6837. Microtiter plates were coated with ARA6847 as the capture antibody. Recombinant pTau205 protein (Cat. AXP6615) was applied as the antigen. Biotin-conjugated pTau205 Antibody (ARA6837) served as the detection antibody, followed by streptavidin-HRP incubation. Result: ARA6847 and ARA6837 can be used as a matched antibody pair to detect and quantify the concentration of pTau205.

STORAGE

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com