

Neurologic Diseases Catalogue

The prevalence of neurodegenerative diseases such as Alzheimer's disease, post-stroke dementia, and Parkinson's disease has increased with the rapidly aging population. In vitro diagnostic targets for Alzheimer's disease currently focus on Amyloid β ($A\beta$) and Tau proteins. Additionally, GFAP and UCHL1 are important biomarkers of nervous system injury and play a significant role in the diagnosis and treatment of Alzheimer's disease. Serum GFAP and UCHL1 levels can reflect the severity and progression of inner brain injury, particularly after craniocerebral trauma, and correlate strongly with disease severity. These biomarkers demonstrate excellent stability, sensitivity, and specificity and are important references in the diagnosis and treatment of neurological disease.

Creative Diagnostics has developed a range of high-quality humanized antibodies and well-matched antibody pairs for the diagnosis of neurological diseases. These antibodies can be used for diagnostic assay development and kit manufacturing. In addition, we are currently developing humanized antibodies targeting p-Tau 181, NfL, and Flotillin. Our antibody products have been extensively validated and are supported by quality control data covering various platforms such as ELISA, LFIA, and CLIA.

Introduction

- Fully characterized humanized antibodies with validated specificity, affinity, sensitivity, and stability
- Validated on multiple platforms (ELISA, LFIA, CLIA, etc.) with excellent performance
- Epitope mapped, antibody pairs available
- HAMA effects avoided
- Minimized lot-to-lot variation
- Simpler components in solution for subsequent labeling.

Humanized Monoclonal Antibodies

Target	Isotype	Application	Recommended pairing info.	Catalog Number
Human alpha Synuclein	Human IgG	ELISA, CLIA, LFIA	CABT-L6127 (Detection)	CABT-L6126
Human alpha Synuclein	Human IgG	ELISA, CLIA, LFIA	CABT-L6126 (Capture)	CABT-L6127
Human beta Amyloid (1-40)	Human IgG	ELISA, CLIA, LFIA	CABT-ZB006 (Capture)	CABT-ZB005
Human beta Amyloid (1-5)	Human IgG	ELISA, CLIA, LFIA	CABT-ZB005 (Detection) CABT-ZB007 (Detection)	CABT-ZB006
Human beta Amyloid (1-42)	Human IgG	ELISA, CLIA, LFIA	CABT-ZB006 (Capture)	CABT-ZB007
Human UCHL1 (96-108)	Human IgG	ELISA, CLIA, LFIA	CABT-CS656 (Detection)	CABT-CS654
Human UCHL1 (26-38)	Human IgG	ELISA, CLIA, LFIA	CABT-CS656 (Detection)	CABT-CS655
Human UCHL1 (142-150)	Human IgG	ELISA, CLIA, LFIA	CABT-CS655 (Capture) CABT-CS654 (Capture)	CABT-CS656
Human UCHL1 (188-204)	Human IgG	ELISA, CLIA, LFIA	CABT-CS658 (Detection)	CABT-CS657
Human UCHL1 (117-130)	Human IgG	ELISA, CLIA, LFIA	CABT-CS657 (Capture)	CABT-CS658
Human S100 β	Human IgG	ELISA, CLIA, LFIA		CABT-L6326
Human Tau (22-33)	Human IgG	ELISA, CLIA, LFIA		CABT-ZB002
Human Tau (110-125)	Human IgG	ELISA, CLIA, LFIA		CABT-ZB001
Human p-Tau 217	Human IgG	ELISA, CLIA, LFIA		CABT-ZB003
Human p-Tau 231	Human IgG	ELISA, CLIA, LFIA		CABT-ZB004
Human p-Tau 396	Human IgG	ELISA, CLIA, LFIA		CABT-L6327