German Research Products - GRP GmbH
In der Stockwiese 26
D-85410 Haag/Amper, Germany
Email: info@grp-ak.de
Phone: +49 (0)8167 6335

Product Datasheet

Transthyretin 39-44, amyloid specific
GRP12985

Species/Host	Mouse
Reactivity	Human
Tested Applications	ELISA, WB, IHC
Immunogen	Full length variant TTR.
Form/Appearance	Lyophilized
Storage	For short time storage please add sodium azide and srote at +4°C.For long time storage store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.
Note	For research use only.
Isotype	IgG
Clonality	Monoclonal
Purity	Affinity purified
Dilution Range	5 µg/ml (ELISA), 2 µg/ml (WB), 5 µg/ml (IHC)
Application Notes	Background: Transthyretin is a carrier protein in plasma of the thyroid hormone. This protein forms a complex with retinol-binding protein and it has the capability of forming amyloid fibrils. 25% of individuals older than 80 years are affected by senile systemic amyloidosis and most cases of TTR-associated amyloidosis are linked to point mutations. A substitution of valine for methionine at position 30 of the 127-aa-long polypeptide is one of the most common forms, leading to many symptoms in the peripheral nervous system, a familial amyloidosis with polyneuropathy.This monoclonal IgG1 antibody is amyloid specific for human Transthyretin. Detects the N-terminal fragment TTR-1-48 frequently formed in vivo. Reconstitution: For reconstitution add 100 µl of sterile water.