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Product Datasheet

Anti-Transthyretin 56-61, amyloid specific (mouse monoclonal), IgG1, Mouse, Monoclonal AGR-AS16-3113

Article Name	Anti-Transthyretin 56-61, amyloid specific (mouse monoclonal), IgG1, Mouse, Monoclonal
Biozol Catalog Number	AGR-AS16-3113
Supplier Catalog Number	AS16-3113
Alternative Catalog Number	AGR-AS16-3113
Manufacturer	Agrisera
Host	Mouse
Category	Antikörper
Application	ELISA, IHC, WB
Species Reactivity	Human
Immunogen	Recombinant protein corresponding to the Human wild type Transthyretin. GPTGTGESKCPLMKVLDVAVRGSPAINVAVHVFRKAADDTWEPFASGKTS GELHGLTTEEEFVEGIYKVEIDTKSYWKALGISPFHEHAEEVFTANDSGPRRYTI AALLSPYSYSTTAVVTNPKE The epitope has been mapped to residue 56-61
Product Description	Transthyretin (TTR), formerly known as Prealbumin, is in vivo involved in the binding and transportation of the Thyroxine hormone and retinol-binding protein. Mutations in TTR are associated with familial amyloidotic polyneuropathy (FAP) which is a fa...
Clonality	Monoclonal

Molecular Weight	155
Isotype	IgG1
Purity	Affinity purified in PBS pH 7.4.
Form	Lyophilized
Antibody Type	Monoclonal Antibody
Application Dilute	1:1000 (ELISA), 1:500 (IHC), 1:1000 (WB)
Application Notes	Specifically reactive to the amyloid form of human Transthyretin. Epitope mapped to residue 56-61 which remains buried within the native fold of transthyretin but becomes exposed within its amyloid form. It has been suggested that two distinct mechanisms of TTR-amyloidosis exist. The first, most common seen in wild type TTR Amyloidosis, consists of the full length TTR. Whereas the other type of amyloidosis mainly consists of the C-terminal region of the protein and is more common in mutant versions of TTR. Mouse IgG1 Anti-Transthyretin 56-61 (Amyloid Specific) epitope is located at the C-terminal strand of cleaved TTR and is suitable to detect amyloid formation derived from the C-terminal.