

Anti-IgG Monoclonal Antibody (17F12)

Catalog #: ASPF98

Product Details

Product Description:	This product is a mouse monoclonal antibody (clone 17F12) that binds human IgG with high affinity, cross-reacts with rhesus and cynomolgus IgG, is validated in ELISA, is azide-free, and serves as a universal detection reagent for human therapeutic antibodies in pre-clinical and clinical assays.
Host Species:	Mouse
Target:	IgG
Specificity:	This antibody was raised against human IgG.
Species Reactivity:	Rhesus Monkey, Human, Cynomolgus Monkey
Clonality:	Monoclonal
Clone ID:	17F12
Purification:	The antibody was purified by affinity chromatography.
Purity:	>95% as determined by SDS-PAGE
Aggregation:	<5% as determined by SEC

Formulation Information

Sterility:	0.2 µM filtered
Preservative:	BSA and Azide free.
Stabilizer:	None

Applications

Applications:	Enzyme-linked Immunosorbent Assay
Note:	Optimal dilutions/concentrations should be determined by the end user.

Storage & Handling

Shipping:	Shipped at 4°C.
Storage:	This antibody can be stored at 2°C-8°C for one month. Upon delivery aliquot. For longer storage, store at -20°C. Avoid repeated freeze-thaw cycles.

Target Details



Protein Name:	Immunoglobulin G
Introduction:	IgG (Immunoglobulin G) is the most abundant type of antibody in human serum and is the primary antibody in the secondary immune response. It is a Y-shaped molecule that plays a crucial role in neutralizing pathogens, opsonization (marking pathogens for destruction), and activating the complement system.
Alternative Names:	Immunoglobulin G
Related Disease:	Multiple Myeloma
Function:	Immunoglobulin G, the most abundant antibody class.