Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Biotin

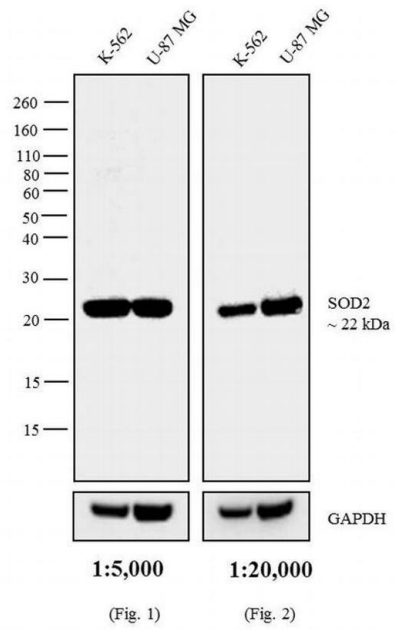
Product Details	
Size	2 mL
Species Reactivity	Mouse
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Biotin
Immunogen	Gamma Immunoglobins Heavy and Light chains
Form	Liquid
Concentration	0.75 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.4, with 1% BSA, 40% glycerol
Contains	0.1% sodium azide
Storage conditions	4° C
RRID	AB_2533949

Applications	Tested Dilution	Publications
Western Blot (WB)	1:5,000-1:20,000	0 Publication
Immunohistochemistry (IHC)	1:8,000-1:10,000	0 Publication
Immunohistochemistry (Paraffin) (IHC (P))	-	0 Publication
Immunocytochemistry (ICC/IF)	-	0 Publication
ELISA (ELISA)	1:8,000-1:10,000	-
Miscellaneous PubMed (Misc)	-	0 Publication

Product Specific Information

ZyMAX antibodies are specifically isolated from antigen-affinity columns using advanced elution protocols, leaving only the highest affinity, antigen-specific antibodies. ZyMAX conjugates are prepared with modified cross-linkers to achieve optimal conjugation ratios and stability. Improved purification methods virtually eliminate unconjugated components, giving superior sensitivity and lowest possible levels of background.

Product Images For Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Biotin



Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (62-6540) in WB
Western blot analysis was performed on whole cell extracts (30 µg lysate) of K-562 (Lane 1) and U-87 MG (Lane 2). The blots were probed with Anti-SOD2 Mouse Monoclonal Antibody (Product # MA1-106, 2 µg/mL) and detected by chemiluminescence using Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Biotin (Product # 62-6540) at dilutions 1:5,000 (Fig. 1) and 1:20,000 (Fig. 2). A 22 kDa band corresponding to SOD2 was observed across the cell lines tested. Known quantity of protein samples were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0322BOX), XCell SureLock™ Electrophoresis System (Product # EI0002) and Novex® Sharp Pre-Stained Protein Standard (Product # LC5800). Resolved proteins were then transferred onto a nitrocellulose membrane with iBlot® 2 Dry Blotting System (Product # IB21001). The membrane was probed with the relevant primary and secondary antibody after blocking with 5 % skimmed milk. This is followed by incubating the membrane with Poly-HRP Streptavidin (Product # N200, 1:10,000 dilution). Chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).

23 References

Neuron-oligodendrocyte potassium shuttling at nodes of Ranvier protects against inflammatory demyelination. J Clin Invest (2023)

NFB-Mediated Mechanisms Drive PEDF Expression and Function in Pre- and Post-Menopausal Oestrogen Levels in Breast Cancer. Int J Mol Sci (2022)

Expression and Neurotransmitter Association of the Synaptic Calcium Sensor Synaptotagmin in the Avian Auditory Brain Stem. J Assoc Res Otolaryngol (2022)

Characterization of microtubule-associated protein tau isoforms and Alzheimer's disease-like pathology in normal sheep (Ovis aries): relevance to their potential as a model of Alzheimer's disease. Cell Mol Life Sci (2022)

Characterization of microtubule associated protein tau isoforms and Alzheimer’s disease-like pathology in normal sheep (Ovis aries) - relevance to their potential as a model of Alzheimer’s disease. Research Square (2022)