

Mouse Monoclonal Antibody to HRP

Catalogue Number	sAP-0135
Target Molecule	Name: HRP Aliases: N/A MW: N/A Entrez Gene ID: N/A
Description	Chemiluminescent detection systems have emerged as the best all-around method for detection of Western blots. They eliminate the hazards associated with radioactive materials and toxic chromogenic substrates. The speed and sensitivity of these methods are unequalled by traditional alternatives. Because results are generated on film, it is possible to record and store data permanently, and blots detected with chemiluminescent methods are easily stripped for subsequent reprobing with additional antibodies. HRP (Horseradish Peroxidase) conjugated secondary antibodies are utilized in conjunction with specific chemiluminescent substrates to generate the light signal. HRP-antibody conjugates have a very high turnover rate, giving good sensitivity with short reaction times.
Immunogen	Purified recombinant fragment of HRP expressed in E. Coli.
Reactive Species	N/A
Clone	MM3A5C6;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Villegas J. Cell Tissue Res. 2004,Mar, 315(3):349-59. Epub 2004 Jan 15. ; 2. Metelitzka DI. Karasyova EI. Grintsevich EE. et al. J Inorg Biochem. 2004,Jan, 98(1):1-9. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**