

HRP Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO1135a**Specification**

HRP Antibody - Product Information

Application

Host

Clonality

Isotype

WB**Mouse****Monoclonal****IgG1****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.

Formulation

Ascitic fluid containing 0.03% sodium azide.

HRP Antibody - Additional Information**Dilution**

WB~~1/500 - 1/2000

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

HRP Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

HRP Antibody - Protein Information**HRP Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HRP Antibody - Images

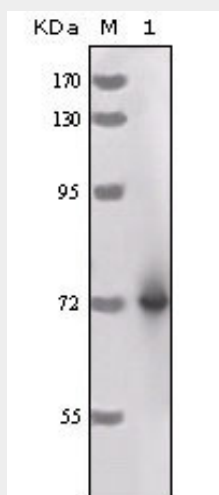


Figure 1: Western blot analysis using HRP mouse mAb against full-length HRP recombinant protein.

HRP Antibody - References

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.