

# HRP / Horseradish peroxidase Antibody (HP-03)

Lot Number: RE2207811

Product Data Sheet

## Tested Species Reactivity

Tag (Tag)

Tested Applications	Dilution *
Western Blot (WB)	Assay Dependent
Immunocytochemistry (ICC)	Assay Dependent
ELISA (ELISA)	Assay Dependent

\* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

## Details

<b>Catalog Number:</b>	MA1-10371
<b>Size:</b>	100 ug
<b>Class:</b>	Monoclonal
<b>Type:</b>	Antibody
<b>Clone:</b>	HP-03
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Immunogen:</b>	Horseradish peroxidase (Grade I)

## Form Information

<b>Form:</b>	Liquid
<b>Concentration:</b>	1mg/ml
<b>Purification:</b>	selective precipitation
<b>Storage Buffer:</b>	PBS, pH 7.4
<b>Preservative:</b>	15mM sodium azide
<b>Storage Conditions:</b>	4° C, do not freeze

## Product Specific Information

*For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.*

## General Information

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.

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