



Manufactured By: HYPHEN BioMed

## IMMUNOCHEMICALS



### PURIFIED ANTIBODIES AND CONJUGATES

Polyclonal antibodies are usually developed in rabbits, boosted with highly purified immunogens. Antibodies are then purified by immunoaffinity techniques, which allow obtaining preparations with high activity and with the lowest background noise. Antibodies are lyophilised in presence of glycine, hepes and calcium chloride.

The polyclonal antibodies proposed by HYPHEN BioMed are produced by a prolonged immunisation of host animals. They offer a high avidity, an excellent specificity, and an homogeneous reactivity to the specific protein.

All the antibodies are purified by immunoaffinity through binding to the specific purified antigen, covalently coupled to sepharose 4B. They are then stabilised and lyophilised. These preparations are highly reactive, at low concentrations, and can be used for all the immunological methods. They are suitable for gel precipitation techniques, immunofixation and "Western blot" protocols.

Peroxidase labelled antibody immunoconjugates, are presented in a stabilised liquid form. Usually, they must be used at concentrations ranging from 0.25 to 2  $\mu\text{g}/\text{mL}$ , in the adequate solvent, for most of the immunological methods, such as Western-blotting or immuno-cytology. However, the right working concentration must be determined for each application.

### IMMUNOCONJUGATES

Peroxidase coupled antibodies, using the two-step method of Nakane and Kawaoi. They are presented in the liquid form, in 0.5 mL vials containing 0.2 mg/mL (100  $\mu\text{g}/\text{vial}$ ) of conjugate.

These conjugates offer an excellent specific activity, and a high stability.

Form AH37  
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## **Anti-Human Immunoglobulin Antibodies, Coupled with Peroxidase**

They are useful for all the techniques which need immunolabelling. Many substrates can be used for peroxidase. They concern either soluble (OPD or TMB with hydrogen peroxide) or insoluble (4-chloroNaphtol or DAB with hydrogen peroxide) substrates.

They can be used for all immuno-enzymatic assays, or for the revelation of autoantibodies captured onto the auto-antigen coated solid phase.