

## DESCRIPTION

<b>Species Reactivity</b>	Mouse
<b>Specificity</b>	Detects heavy (γ) chains on mouse IgG and light chains on all mouse immunoglobulins, based on IEP. No cross-reactivity is observed with non-immunoglobulin mouse serum proteins or serum proteins from bovine, horse, human, pig or rabbit, based on IEP. VisUCyte™ HRP Polymer provides high sensitivity with low background in IHC.
<b>Source</b>	Polyclonal Goat IgG
<b>Purification</b>	Antigen Affinity-purified
<b>Immunogen</b>	Mouse IgG
<b>Formulation</b>	Supplied as a solution in PBS with preservative. See Certificate of Analysis for details.

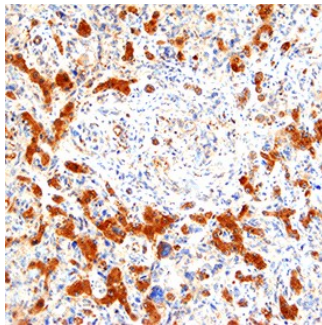
## APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

<b>Immunohistochemistry</b>	Pre-diluted, ready to use with formalin fixed paraffin-embedded and frozen sections. Compatible with most commonly used fixatives.
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## DATA

### Immunohistochemistry



**Detection of Alkaline Phosphatase in Human Liver Cancer.** Alkaline Phosphatase was detected in paraffin-embedded sections of human liver cancer using Mouse Anti-Human Alkaline Phosphatase/ALPL Monoclonal Antibody (Catalog # [MAB1448](#)) at 1 μg/mL for 1 hour at room temperature followed by incubation for 30 minutes at room temperature with Anti-Mouse IgG VisUCyte HRP Polymer Antibody (Catalog # VC001). Tissue was stained with DAB (brown color) and counterstained with hematoxylin (blue color).

## PREPARATION AND STORAGE

<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	6 months from date of receipt, 2 to 8 °C as supplied.

## BACKGROUND

VisUCyte™ HRP Polymer is a biotin-free detection reagent which overcomes problems of avidin-biotin detection chemistry, such as endogenous biotin staining and the need to do additional quenching of endogenous biotin and avidin present in some tissues. With VisUCyte HRP Polymer it is possible to achieve specific staining in cells and tissue much faster than the conventional avidin-biotin-HRP procedure. Due to the high sensitivity of VisUCyte™ HRP Polymer, the working concentration of primary antibodies may be 2-3 times lower compared to the conventional avidin-biotin-HRP protocol.