

## DESCRIPTION

<b>Species Reactivity</b>	Rat
<b>Specificity</b>	Detects heavy (γ) chains on rat IgG and light chains on all rat immunoglobulins, based on IEP. No cross-reactivity is observed with non-immunoglobulin rat serum proteins or IgG from human or mouse, 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>	Rat IgG
<b>Formulation</b>	Supplied as a solution in PBS with preservative. See Certificate of Analysis for details.

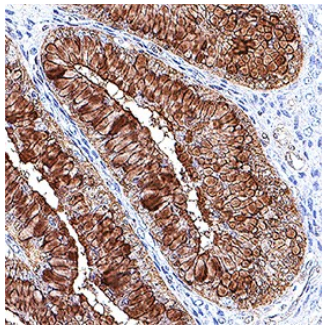
## APPLICATIONS

**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>	Prediluted, 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 HSP27 in Human Ovary.**  
HSP27 was detected in paraffin-embedded sections human ovary using Rat Anti-Human HSP27 Monoclonal Antibody (Catalog # MAB15801) with Anti-Rat IgG VisUCyte HRP Polymer Antibody (Catalog # VC005). Tissue was stained with DAB (brown color) and counterstained with hematoxylin (blue color). View our protocol for the [VisUCyte HRP Polymer Detection Reagent](#).

## 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.