# Sheep IgG HRP Polymer Antibody

Antigen Affinity-purified Polyclonal Donkey IgG
Catalog Number: VC006

## DESCRIPTION

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| **Species Reactivity** | Sheep |
| **Specificity** | Detects heavy (γ) chains on sheep IgG and light chains on all sheep immunoglobulins, based on IEP. No cross-reactivity is observed with non-immunoglobulin sheep serum proteins or IgG from human, mouse or rabbit, based on IEP. VisUCyte™ HRP Polymer provides high sensitivity with low background in IHC. |
| **Source** | Polyclonal Donkey IgG |
| **Purification** | Antigen Affinity-purified |
| **Immunogen** | Sheep IgG |
| **Formulation** | 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.*

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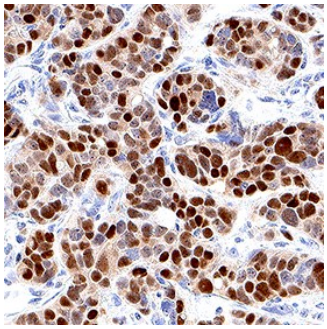
| **Immunohistochemistry** | Prediluted, ready to use with formalin fixed paraffin-embedded and frozen sections. Compatible with most commonly used fixatives. |

## DATA

### Immunohistochemistry



**Detection of Progesterone R/NR3C3 in Human Breast Cancer Tissue.** Progesterone R/NR3C3 was detected in immersion fixed paraffin-embedded sections of human breast cancer tissue using Sheep Anti-Human Progesterone R/NR3C3 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF5415) with Anti-Sheep IgG VisUCyte HRP Polymer Antibody (Catalog # VC006). 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

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| **Shipping** | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. |
| **Stability & Storage** | 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 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.



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