Mouse/Rabbit IgG VisUCyte HRP Polymer Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: VC002

DESCRIPTION

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

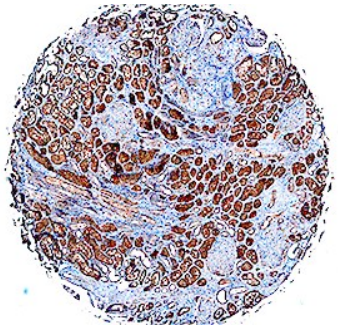
APPLICATIONS

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.*

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

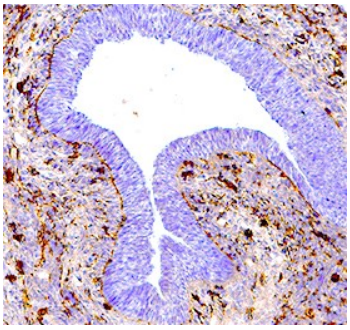
DATA

Immunohistochemistry



Detection of FABP1/L-FABP in Human Kidney. FABP1/L-FABP was detected in paraffin-embedded sections of human kidney using Mouse Anti-Human FABP1/L-FABP Monoclonal Antibody (Catalog # MAB2964) at 1 µg/mL for 1 hour at room temperature followed by incubation for 30 minutes at room temperature with Anti-Mouse/Rabbit IgG VisUCyte HRP Polymer Antibody (Catalog # VC002). Tissue was stained with DAB (brown color) and counterstained with hematoxylin (blue color).

Immunohistochemistry



Detection of Phospho-p38 (T180/Y182) in Mouse Embryo (13 d.p.c.). Phospho-p38 (T180/Y182) was detected in frozen sections of mouse embryo (13 d.p.c., cross-section through the gut) using Rabbit Anti-Human/Mouse/Rat Phospho-p38 MAP Kinase (T180/Y182) Antigen Affinity-purified Polyclonal Antibody (Catalog # AF869) at 1 µg/mL for 1 hour at room temperature followed by incubation for 30 minutes at room temperature with Anti-Mouse/Rabbit IgG VisUCyte HRP Polymer Antibody (Catalog # VC002). Tissue was stained with DAB (brown color) and counterstained with hematoxylin (blue color).

PREPARATION AND STORAGE

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.

bio-techne
bio-techne.com
Global info@bio-techne.com techsupport@bio-techne.com
North America TEL 800 343 7475 Europe | Middle East | Africa TEL +44 (0)1235 529449
China info.cn@bio-techne.com TEL +86 (21) 52380373
Rest of World bio-techne.com/find-us/distributors TEL +1 612 379 2956