For research purposes only, not for human use

Product Data Sheet

Goat Anti-Mouse/Rabbit IgG (H&L)-HRP polymer

Catalog #	Source	Reactivity	Applications
CSA9103	Goat	M, Rb	E, WB, IH, IC

Description	Goat Polyclonal Secondary Antibody to Mouse/Rabbit IgG (H&L) HRP polymer labled
Immunogen	Mouse/Rabbit IgG
Purification	Goat Polyclonal Secondary Antibody to Mouse/Rabbit IgG (H&L) have been cross-adsorbed against IgG from bovine, goat, horse and human. Cross-adsorption or pre-adsorption is a purification step to increase specificity of the antibody resulting in less background staining and cross-reactivity. The secondary antibody solution is passed through a column matrix containing immobilized serum proteins from potentially cross-reactive species. Only the nonspecific-binding secondary antibodies are captured in the column, and the highly specific secondaries flow through. Further passages through additional columns result in highly cross-adsorbed preparations of secondary antibody. The benefits of these extra steps are apparent in multiplexing/multicolor-staining experiments where there is potential cross-reactivity with other primary antibodies or in tissue/cell fluorescent staining experiments where there may be the presence of endogenous immunoglobulins.
Specificity	By immunoelectrophoresis and ELISA this antibody reacts specifically with Mouse IgG and Rabbit IgG. No antibody was detected against non immunoglobulin serum proteins.
Clonality	Polyclonal
Conjugation	HRP polymer
Form	0.5 mg/ml. Liquid in 0.01M Phosphate Buffered Saline, pH 7.2, containing 1% BSA,

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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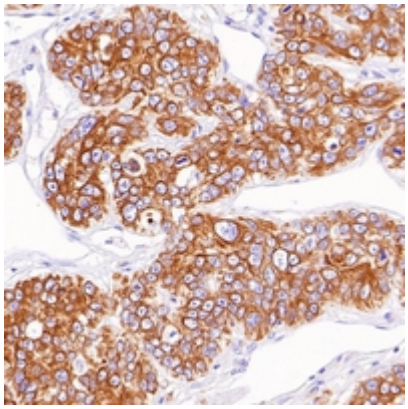
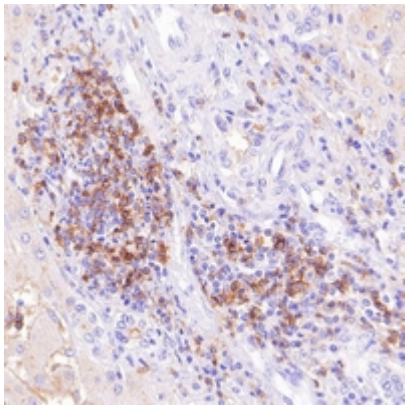
	50% glycerol, 0.02% Sodium Azide
Dilution	E (1/5000 - 1/20000), WB (1/5000 - 1/20000), IH (1/100 - 1/500), IC (1/100 - 1/500)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.



Immunohistochemical analysis staining in human liver carcinoma formalin fixed paraffin-embedded tissue section. The section was pre-treated using pressure cooker heat antigen retrieval with sodium citrate buffer (0.01M, pH=6) for 3 minutes. The section was detected using mouse primary antibody, and Goat Anti-Mouse/Rabbit IgG (H&L)-HRP polymer. The section was then counterstained with haematoxylin and mounted with Neutral Gum.



Immunohistochemical analysis staining in human liver carcinoma formalin fixed paraffin-embedded tissue section. The section was pre-treated using pressure cooker heat antigen retrieval with sodium citrate buffer (0.01M, pH=6) for 3 minutes. The section was detected using rabbit primary antibody, and Goat Anti-Mouse/Rabbit IgG (H&L)-HRP polymer. The section was then counterstained with haematoxylin and mounted with Neutral Gum.

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