

## COLEC12 RABBIT PAB

**Cat.#:** S221199

**Product Name:** Anti-COLEC12 Rabbit Polyclonal Antibody

**Synonyms:** CLPI; NSR2; SRCL; SCARA4

**UNIPROT ID:** Q5KU26 (Gene Accession - NP\_569057 )

**Background:** This gene encodes a member of the C-lectin family, proteins that possess collagen-like sequences and carbohydrate recognition domains. This protein is a scavenger receptor that displays several functions associated with host defense. It can bind to carbohydrate antigens on microorganisms, facilitating their recognition and removal. It also mediates the recognition, internalization, and degradation of oxidatively modified low density lipoprotein by vascular endothelial cells.

**Immunogen:** Synthetic peptide of human COLEC12

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-200;WB: 500-2000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

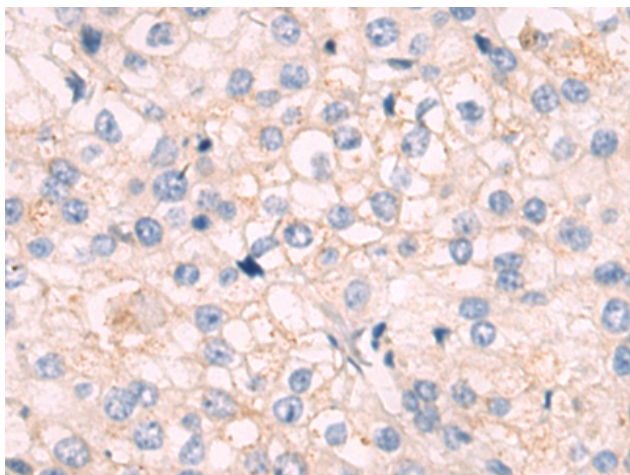
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

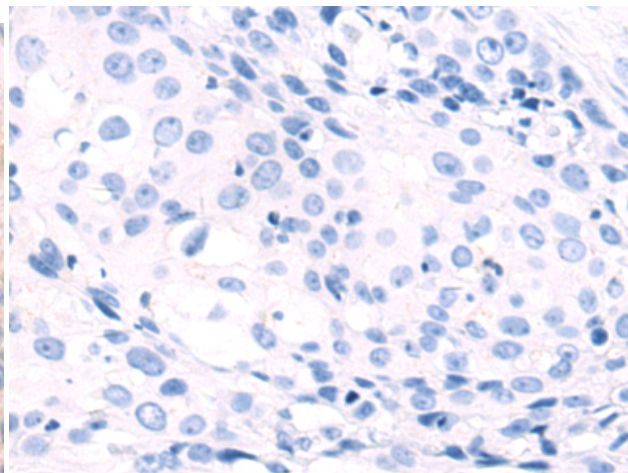
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Neuroscience, Cardiovascular, Immunology

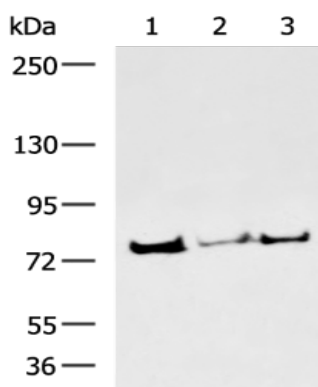
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 221199(COLEC12 Antibody) at a dilution of 1/50(Cytoplasm and Cell membrane).



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the synthetic peptide and then with 221199(Anti-COLEC12 Antibody) at dilution 1/50.



Gel: 6%SDS-PAGE, Lysate: 40  $\mu$ g;  
Lane 1-3: HUVEC, K562, HepG2 cell lysates;  
Primary antibody: 221199(COLEC12 Antibody)  
at dilution 1/900;  
Secondary antibody: HRP-conjugated Goat  
anti rabbit IgG at 1/5000 dilution;  
Exposure time: 5 minutes