

p21 Recombinant antibody

Cat:B32057R
Company: Haokebio

Uniprot ID:P38936

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

p21 is a protein encoded by the CDKN1A gene located on chromosome 6 (6p21.2), and is also known as a cyclin-dependent kinase inhibitor (CDKI). While associating with CDK2/CDK4, p21 inhibits their activity, thereby playing a role in regulating the progression of the cell cycle during the G1 phase. p21 is expressed in all adult tissues and is also widely expressed in tumor tissues, such as gastric cancer, non-small cell lung cancer (NSCLC), and thyroid cancer. The expression of p21 is usually associated with a favorable prognosis.

Protein full name:

cyclin-dependent kinase inhibitor 1A (p21, Cip1)

Synonyms:

CDKN1A, P21;CDKN1A, CDK-interacting protein 1, MDA-6, Cyclin-dependent kinase inhibitor 1

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

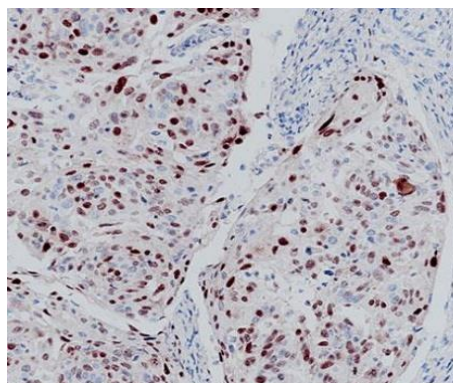
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human cervical cancer tissue, 4% PFA 12-24h

Source of Reagents:

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