p27 Polyclonal Antibody

catalog number: **E-AB-70069**

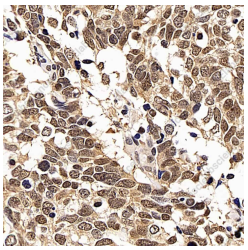
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

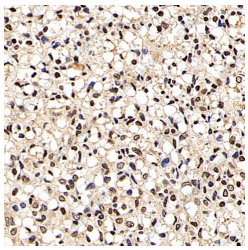
Reactivity	Human;Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse P27 KIP1
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications	Recommended Dilution
IHC	1:100-1:400

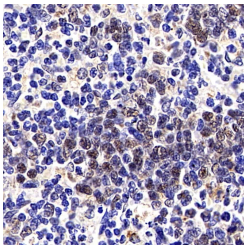
Data



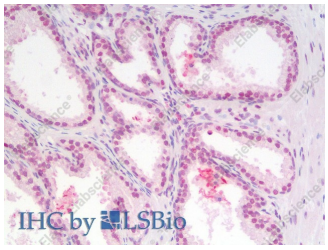
Immunohistochemistry analysis of paraffin-embedded human lung cancer using p27 Polyclonal Antibody at dilution of 1:200.



Immunohistochemistry analysis of paraffin-embedded human liver cancer using p27 Polyclonal Antibody at dilution of 1:200.



Immunohistochemistry analysis of paraffin-embedded Rat spleen cancer using p27 Polyclonal Antibody at dilution of 1:200.



Immunohistochemistry analysis of paraffin-embedded Human Prostate using p27 Polyclonal Antibody(Elabscience Product Detected by Lifespan).

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

This gene encodes a cyclin-dependent kinase inhibitor, which shares a limited similarity with CDK inhibitor CDKN1A/p21. The encoded protein binds to and prevents the activation of cyclin E-CDK2 or cyclin D-CDK4 complexes, and thus controls the cell cycle progression at G1. The degradation of this protein, which is triggered by its CDK dependent phosphorylation and subsequent ubiquitination by SCF complexes, is required for the cellular transition from quiescence to the proliferative state. Mutations in this gene are associated with multiple endocrine neoplasia type IV (MEN4).