Recombinant Phospho-p53 (Ser15) Monoclonal Antibody

catalog number: **AN301251L**

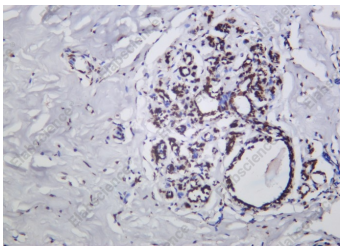
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide corresponding to residues around (Ser15) of Human Phospho-p53
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110874
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:2000-1:10000
IHC	1:200-1:1000
IF	1:200-1:1000
IP	1:50-1:200
ELISA	1:5000-1:20000

Data



Immunohistochemistry of paraffin-embedded human breast carcinoma using Recombinant Phospho-p53 (Ser15) Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	Ice bag

Background

TP53(tumor protein p53) Homo sapiens This gene encodes a tumor suppressor protein containing transcriptional activation, DNA binding, and oligomerization domains. The encoded protein responds to diverse cellular stresses to regulate expression of target genes, thereby inducing cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. Mutations in this gene are associated with a variety of human cancers, including hereditary cancers such as Li-Fraumeni syndrome. Alternative splicing of this gene and the use of alternate promoters result in multiple transcript variants and isoforms. Additional isoforms have also been shown to result from the use of alternate translation initiation codons (PMIDs: 12032546, 20937277).

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