

## P53 Mouse Monoclonal Antibody(2D2)

Catalog No.: RA10272

### Basic Information

#### Information

Reactivity	H
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	53KD

#### Applications

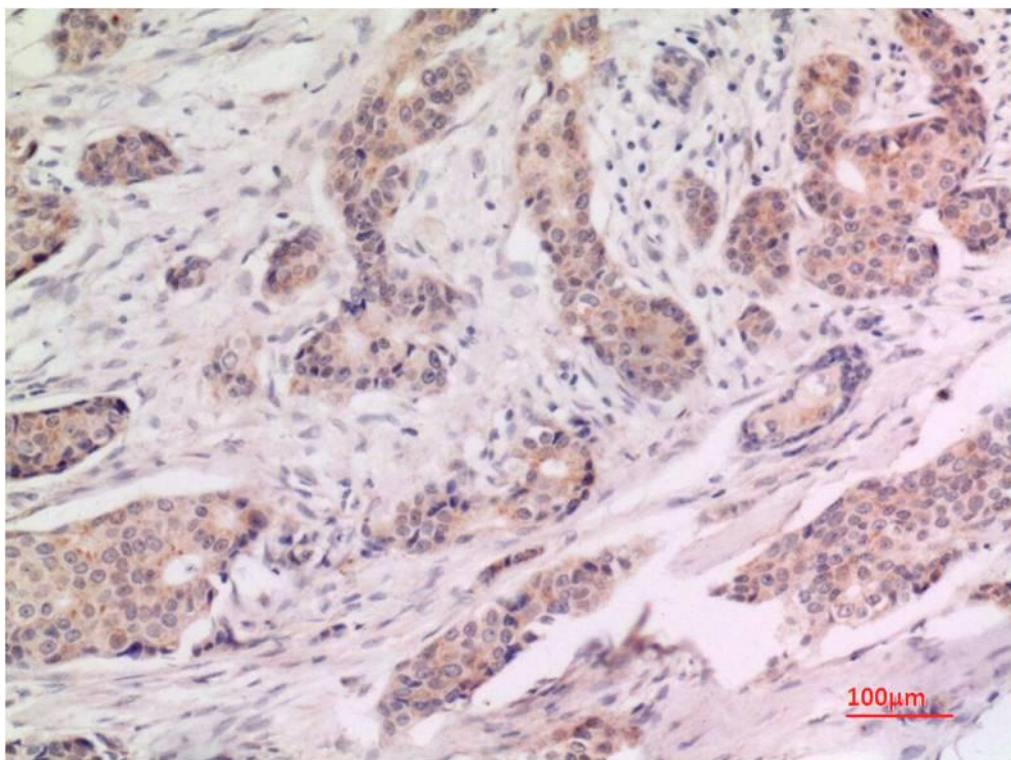
#### Recommended Dilution

IHC	1:500-1,000
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#### Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

## Experimental Data



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using P53 Mouse mAb diluted at 1:200.

## Background

p53 plays a major role in the cellular response to DNA damage and other genomic aberrations. The activation of p53 can lead to either cell cycle arrest and DNA repair, or apoptosis. p53 is phosphorylated at multiple sites in vivo and by several different protein kinases in vitro.