

Instructions For Use A00027-IFU-IVD

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Revision: 1

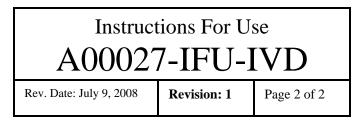
Page 1 of 2

p53 Protein

Availability/Contents:		<u>Item #</u> A20027 A00027 A00027.25	<u>Volume</u> 2 ml 6 ml 25 ml
Description:			
Species: Immunogen: Clone: Isotype: Format: Specificity:		Mouse Recombinant human wild type p53 protein. DO-1 IgG2a This antibody has been pretitered and quality controlled to work on formalin-fixed paraffin- embedded as well as acetone fixed cryostat tissue sections. No further titration is required. This antibody reacts with an amino terminal epitope (residue 37-45) of human wt and mutant p53. p53 has been classified as a tumor suppressor gene or anti-oncogene.	
Species Reactivity: Positive Control: Cellular Localization: Titer/Working Dilution: Microbiological State:		Presence of excess amounts of the mutant form of the protein can lead to functional inactivation of wild type p53. Mutations and allelic loss of the p53 gene have been associated with malignant transformation in a wide variety of human tumors. Human, Bovine, Monkey. Reacts slightly with Mouse and Rat. Others not tested. Colon Carcinoma Nuclear No further dilution is required. This product is not sterile.	
This proc fixed, par		tro Diagnostic Use. duct is intended for qualitative immunohistochemistry with normal and neoplastic formalin- raffin-embedded tissue sections, to be viewed by light microscopy. se past expiration date.	
Storage and Stability: 2-8° Centigrade. Product is stable for 24 months from date of manufacture. If reagent is not stored as recommended, performance must be validated by the user.			
Procedure:			
pretrea CBB50	Tissue Section Pretreatment: Staining of formalin fixed, paraffin embedded tissue sections is enhanced by pretreatment with Citrate Plus (ScyTek catalog# CPL500) or 10mM citrate buffer, pH 6.0 (ScyTek Catalog# CBB500, see IFU for instructions). Enzymatic predigestion with Pepsin (ScyTek catalog# PSS060, see IFU for instructions) is recommended prior to staining.		
Howev	Primary Antibody Incubation Time: We suggest an incubation period of 30-60 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user		

Storage: 2°C

be determined by the user.



 Visualization: For maximum staining intensity we recommend the "Retrieval HRP Anti-Polyvalent Lab Pack" (ScyTek catalog# RPL125, see IFU for instructions) combined with the "DAB Chromogen/Substrate Bulk Pack (High Contrast)" (ScyTek catalog# ACV500, see IFU for instructions).

Precautions: Contains Sodium Azide as a preservative (0.09% w/v). Do not pipette by mouth. Avoid contact of reagents and specimens with skin and mucous membranes. Avoid microbial contamination of reagents or increased nonspecific staining may occur. This product contains no hazardous material at a <u>reportable concentration</u> according to U.S. 29 CFR 1910.1200, OSHA Hazardous Communication Standard and EC Directive 91/155/EC.

References:

- 1. Nigro et al. Nature 342: 705, 1989.
- 2. Cattoretti et al. Int J Cancer 41: 178, 1988.
- 3. Bartek et al. Oncogene 6: 1699, 1991.
- 4. Malkin et al. Science 250: 1233, 1990.
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