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TECHNICALLY *Speaking*

Place your order with CEDARLANE® or your local distributor.

Please contact CEDARLANE® for lot specific information.

Mouse Anti-Human p⁵³ Protein Monoclonal Antibody

CLSG36816
CLSG36816-05
Lot:

| | |
|--------------------------------|---|
| Immunogen: | Recombinant human wild type p ⁵³ protein expressed in <i>E. coli</i> . |
| Clone: | DO-7 |
| Isotype: | IgG2b, Kappa |
| Format: | 1 ml (CLSG36816) or 0.5 ml (CLSG36816-05). This antibody is supplied as purified immunoglobulin containing sodium azide as preservative. |
| Titer/Working Dilution: | This antibody may be diluted to a titer of 1:25-1:100 in an ABC method. However, depending on the staining conditions employed, we suggest that final dilution should be determined by the user. |
| Staining Protocol: | We suggest an incubation period of 30 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u> |
| Specificity: | This antibody reacts with wild as well as mutant types of p ⁵³ protein. It recognizes an epitope in the N-terminus of p ⁵³ protein, known to reside between amino acids 35 to 45. This antibody can be demonstrated in 22-76% of the colon, stomach, bladder, breast, lung and testes cancers. |
| Positive Control: | Breast Carcinoma |
| Cellular Localization: | Nuclear |
| Other applications: | Immunoprecipitation (1:50), Western Blotting (1:50 to 1:100) |
| Storage: | Store the antibody at 2-8°C. Do not use it beyond the expiration date stated on the label. |

Continued...

For more information or to place an order please contact...

CEDARLANE®
LABORATORIES LIMITED



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References:

- i) Nigro et al. Nature 342: 705, 1989.
- ii) Cattoretti et al. Int J Cancer 41: 178, 1988.
- iii) Bartek et al. Oncogene 6: 1699, 1991.
- iv) Carr et al. Applied Immunohistochemistry 1: 201, 1993.

Laboratory Reagent For Research Use Only

JV 01/12/09