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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Mouse Anti-CDC25A Monoclonal Antibody

CLSG36626
CLSG36626-05
Lot

- Immunogen:** BALB/C mice were injected with purified recombinant CDC25A.
- Clone:** DCS-120
- Isotype:** IgG2a
- Format:** 1 ml (CLSG36626) or 0.5 ml (CLSG36626-05). This antibody is supplied as purified immunoglobulin fraction containing sodium azide as preservative.
- Titer/Working Dilution:** This antibody may be diluted to a titer of 1:50 -1:100 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
- Staining Protocol:** We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10mM citrate buffer, pH 6.0 prior to immunostaining.
- Specificity:** This antibody reacts with a 65kD protein known as CDC25A. The activity of cyclin-dependent kinases in cell cycle is regulated by the phosphorylation status which is controlled by the antagonistic action of wee 1 kinase and CDC25 phosphatases. Three CDC25 genes are present in human cells: CDC25A, CDC25B, and CDC25C. CDC25A and CDC25B are expressed throughout the cell cycle, with peak expression in G1 for CDC25A and in both G1-S phase and G2 for CDC25B. CDC25C is mainly expressed in G2 phase. This antibody cross reacts with rat.

Continued...

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Positive Control: Tonsil

Cellular Localization: Nuclear membrane

Storage: Store the antibody at 2-8°C. Do not use it beyond the expiration date stated on the label.

References:

- i) Draetta et al. J Biochem Biophys Acta 1332 (2): 53, 1997.
- ii) Gabrielli et al. Oncogene 15 (7): 749, 1997.

Laboratory Reagent For Research Use Only

BA 03/27/12