Product Datasheet

APO-BRDU-IHC (TUNEL) Apoptosis Kit NBP2-31164

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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NBP2-31164

APO-BRDU-IHC (TUNEL) Apoptosis Kit	
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Buffer	
Product Description	
Description	The APO-BRDU-IHC™ kit is a two color TUNEL (Terminal deoxynucleotide transferase dUTP Nick End Labeling) assay for labeling DNA breaks to detect apoptotic cells by immunohistochemistry. The kit contains the instructions and reagents required for measuring apoptosis in cells including; positive/negative control slides for assessing reagent performance; reaction and blocking buffers for processing individual steps in the assay; proteinase K; terminal deoxynucleotidyl tranferase enzyme (TdT), bromodeoxyuridine triphosphate (BrdUTP), biotin labeled anti-BrdU antibody for labeling DNA breaks, horseradish peroxidase streptavidin conjugate, DAB, H2O2/Urea tablets for color generation and methyl green solution for counterstaining the cells.
Kit Components	Biotin-BrDU mAb, Positive & Degative Control Slides, Blocking Buffer, H202/Urea Tablets, Proteinase K, DAB Tablets, TdT Enzyme, Br-dUTP, 200X Conjugate, 5X-Reaction Buffer, Methyl Green
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
Application Notes	Please centrifuge the TdT Enzyme for 30 seconds, upon warming, to ensure all liquid is at the bottom of the tube. NOTE:- The positive and negative control cells supplied in the kit are from a cytospin preparation and do not need to be deparaffinized.



Publications

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Ishiguro S, Robben N, Burghart R et al. Cell Wall Membrane Fraction of Chlorella sorokiniana Enhances Host Antitumor Immunity and Inhibits Colon Carcinoma Growth in Mice Integr Cancer Ther 2020-01-01 [PMID: 32009489]

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Engelbertsen D, Autio A, Verwilligen RAF et al. Increased lymphocyte activation and atherosclerosis in CD47-deficient mice Sci Rep 2019-07-23 [PMID: 31337788]

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