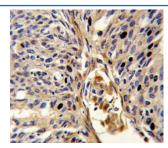


# **APEX2 Antibody (F55013)**

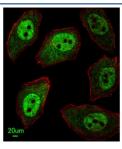
Catalog No.	Formulation	Size
F55013-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F55013-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

## **Bulk quote request**

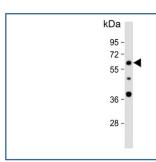
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q9UBZ4
Localization	Cytoplasmic, nuclear
Applications	Immunofluorescence: 1:25 Flow Cytometry: 1:10-1:50 (1x10e6 cells) Immunohistochemistry (FFPE): 1:10-1:50 Western Blot: 1:500-1:1000
Limitations	This APEX2 antibody is available for research use only.



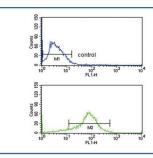
IHC testing of FFPE human lung carcinoma tissue with APEX2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Immunofluorescent staining of human U-251 cells with APEX2 antibody (green) and anti-Actin (red).



Western blot testing of human MCF7 cell lysate with APEX2 antibody. Predicted molecular weight ~57 kDa.



Flow cytometry testing of human MCF7 cells with APEX2 antibody; Blue=isotype control, Green= APEX2 antibody.

## **Description**

APEX2 may participate in both nuclear and mitochondrial post-replicative base excision repair (BER). In the nucleus functions in the PCNA-dependent BER pathway.

## **Application Notes**

The stated application concentrations are suggested starting points. Titration of the APEX2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

#### **Immunogen**

A portion of amino acids 143-171 from the human protein was used as the immunogen for the APEX2 antibody.

#### **Storage**

Aliquot the APEX2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.