Recombinant ERG Monoclonal Antibody

catalog number: **AN301715L**

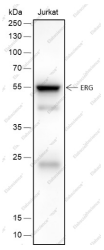
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human ERG fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111337
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:100-1:1000
IF	1:50-1:100
FCM	1:50-1:100

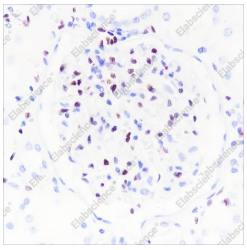
Data



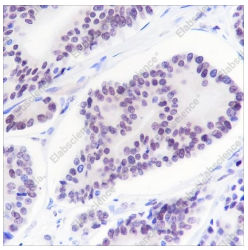
Western Blot with ERG Monoclonal Antibody at dilution of 1:2000. Lane 1: Jurkat

Observed-MW:54 kDa

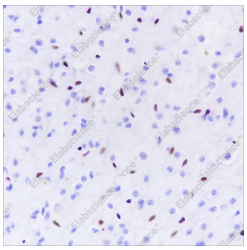
Calculated-MW:54 kDa



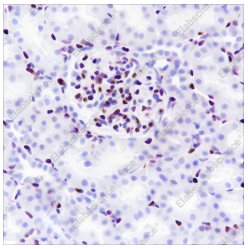
Immunohistochemistry of paraffin-embedded Human kidney using ERG Monoclonal Antibody at dilution of 1:100.

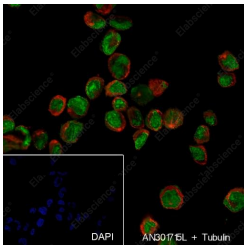


Immunohistochemistry of paraffin-embedded Human prostate cancer using ERG Monoclonal Antibody at dilution of 1:100.



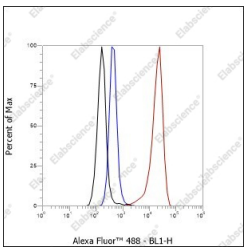
Immunohistochemistry of paraffin-embedded Mouse cerebrum using ERG Monoclonal Antibody at dilution of 1:100.





Immunohistochemistry of paraffin-embedded Rat kidney using ERG Monoclonal Antibody at dilution of 1:1000.

Immunofluorescent analysis of (4% Paraformaldehyde) fixed THP-1 cells using anti-ERG Monoclonal Antibody at dilution of 1:100.



Flow cytometric analysis of human ERG expression on THP-1 cells. Cells were stained with purified anti-Human ERG, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	Ice bag

Background

ERG is a transcriptional regulator. It may participate in transcriptional regulation through the recruitment of SETDB1 histone methyltransferase and subsequent modification of local chromatin structure.

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