

Product Datasheet

ERG Antibody NB100-2472

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 3

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NB100-2472**ERG Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

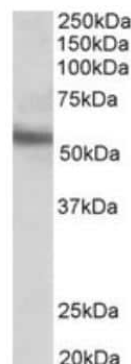
Product Description	
Description	Novus Biologicals Goat ERG Antibody (NB100-2472) is a polyclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-ERG Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	2078
Gene Symbol	ERG
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise all reported isoforms (NP_891548.1; NP_004440.1; NP_001129626.1; NP_001129627.1; NP_001230358.1)
Immunogen	Peptide with sequence C-PNTRLPTSHMP SH corresponding to C-Terminus according to NP_004440.1, NP_001129626.1, NP_001129627.1, NP_001230358.1].

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/mL, Flow Cytometry 10 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection limit 1:6000

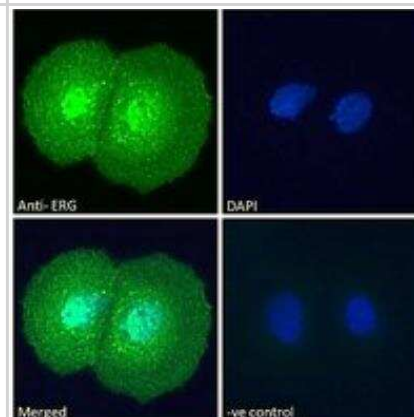


Images

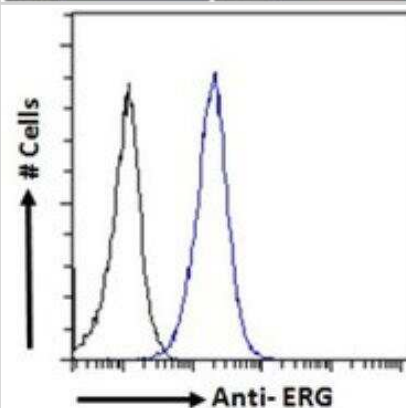
Western Blot: ERG Antibody [NB100-2472] - Staining of MOLT4 lysate with antibody at 0.1 ug/mL (35 ug protein in RIPA buffer). Detected by chemiluminescence.



Immunocytochemistry/Immunofluorescence: ERG Antibody [NB100-2472] - Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Flow Cytometry: ERG Antibody [NB100-2472] - Flow cytometric analysis of paraformaldehyde fixed MCF7 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Publications

Yu LJ, Ko VH, Tsikis ST et al. Effects of systemic anticoagulation in a murine model of compensatory lung growth Pediatric research 2022-10-04 [PMID: 36195630] (IHC-P, Mouse)

He Y, Tacconi C, Dieterich LC et al. Novel Blood Vascular Endothelial Subtype-Specific Markers in Human Skin Unearthed by Single-Cell Transcriptomic Profiling Cells [PMID: 35406678] (IHC-Fr, Human)

Tomlins SA, Rhodes DR, Perner S et al. Recurrent fusion of TMPRSS2 and ETS transcription factor genes in prostate cancer. Science 2005-10-28 [PMID: 16254181]



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Products Related to NB100-2472

NBL1-10327	ERG Overexpression Lysate
NB100-2472PEP	ERG Antibody Blocking Peptide
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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