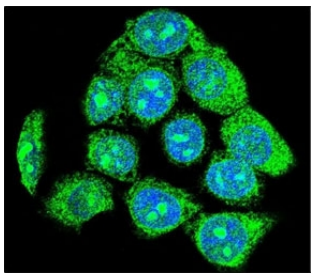
EGR1 Antibody (F48309)

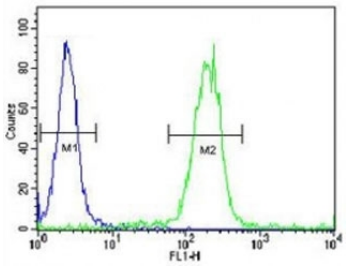
Catalog No.	Formulation	Size
F48309-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48309-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Bovine, Xenopus
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P18146
Applications	Western Blot : 1:1000 Flow Cytometry : 1:10-1:50 Immunofluorescence : 1:10-1:50
Limitations	This EGR1 antibody is available for research use only.

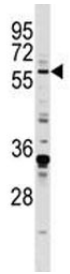


Confocal immunofluorescent analysis of EGR1 antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



EGR1 antibody flow cytometric analysis of WiDr cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Western blot analysis of EGR1 antibody and mouse NIH3T3 lysate. Predicted molecular weight ~58 kDa.



EGR1 antibody western blot analysis in MDA-MB231 lysate. Predicted molecular weight ~58 kDa.

Description

EGR1 belongs to the EGR family of C2H2-type zinc-finger proteins. It is a nuclear protein and functions as a transcriptional regulator. The products of target genes it activates are required for differentitation and mitogenesis.

Application Notes

Titration of the EGR1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 9-37 from the human protein was used as the immunogen for this EGR1 antibody.

Storage

Aliquot the EGR1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.