

ARG45260 anti-INF2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Polyclonal antibody recognizes INF2
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	INF2
Species	Human
Immunogen	Recombinant protein containing to human INF2.
Conjugation	Un-conjugated
Alternate Names	INF2; Inverted Formin 2; C14orf151; C14orf173; Inverted Formin, FH2 And WH2 Domain Containing; HBEBP2-Binding Protein C; Inverted Formin-2; MGC13251; HBEAG-Binding Protein 2 Binding Protein C; Chromosome 14 Open Reading Frame 151; Chromosome 14 Open Reading Frame 173; CMTDIE; Pp9484; FSGS5; PLAGL1; PLAG1 Like Zinc Finger 1; LOT1; ZAC; Pleiomorphic Adenoma Gene-Like 1; Zinc Finger Protein PLAGL1; Lost On Transformation 1; Tumor Suppressor ZAC; Pleiomorphic Adenoma-Like Protein 1; PLAG-Like 1; LOT-1; ZAC1

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	180 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

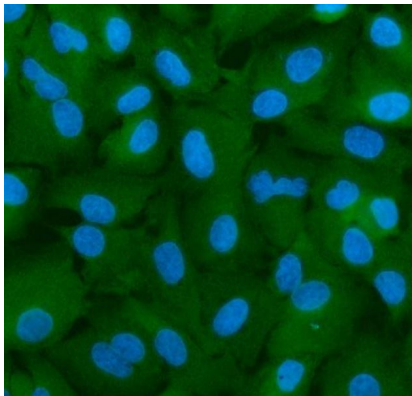
and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

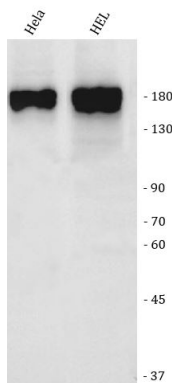
Gene Symbol	INF2
Gene Full Name	Inverted Formin 2
Background	This gene represents a member of the formin family of proteins. It is considered a diaphanous formin due to the presence of a diaphanous inhibitory domain located at the N-terminus of the encoded protein. Studies of a similar mouse protein indicate that the protein encoded by this locus may function in polymerization and depolymerization of actin filaments. Mutations at this locus have been associated with focal segmental glomerulosclerosis 5.[provided by RefSeq, Aug 2010]
Function	Severs actin filaments and accelerates their polymerization and depolymerization.. [UniProt]
Calculated Mw	136 kDa
PTM	Acetylation; Phosphoprotein. [UniProt]
Cellular Localization	Cytoplasm. [UniProt]

Images



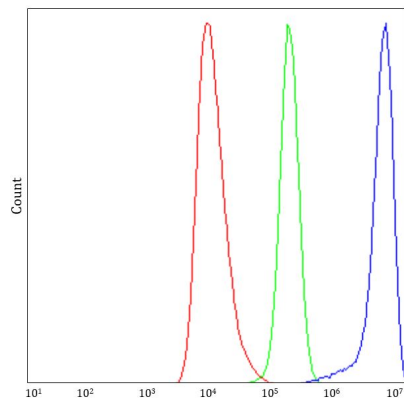
ARG45260 anti-INF2 antibody ICC/IF image

Immunofluorescence: A549 stained with ARG45260 anti-INF2 antibody at 5 ug/ml dilution.



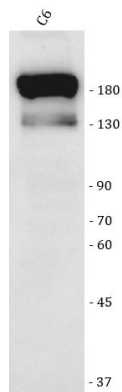
ARG45260 anti-INF2 antibody WB image

Western blot: HeLa and A549 stained with ARG45260 anti-INF2 antibody at 0.5 µg/ml dilution.



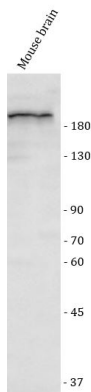
ARG45260 anti-INF2 antibody FACS image

Flow Cytometry: HEL stained with ARG45260 anti-INF2 antibody at $1 \mu\text{g}/10^6$ cells dilution.



ARG45260 anti-INF2 antibody WB image

Western blot: C6 stained with ARG45260 anti-INF2 antibody at $0.5 \mu\text{g}/\text{ml}$ dilution.



ARG45260 anti-INF2 antibody WB image

Western blot: Mouse brain stained with ARG45260 anti-INF2 antibody at $0.5 \mu\text{g}/\text{ml}$ dilution.