ARG46791
anti-Venus antibody

Package: 100 µg, µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Venus
Tested Reactivity	Hu
Tested Application	ICC/IF, WB
Specificity	In 293HEK cells transfected with cds plasmid detects a band of 27 kDa by Western blot. This antibody also recognizes Venus/GFP and does not cross-react to mCherry/red fluorescent proteins.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Venus
Immunogen	Purified recombinant GFP peptide produced in E. coli.
Conjugation	Un-conjugated
Alternate Names	GFP, Green fluorescent protein

Application Instructions

Application table

Application	Dilution
ICC/IF	1:50 - 1:1000
WB	1:500 - 1:2000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

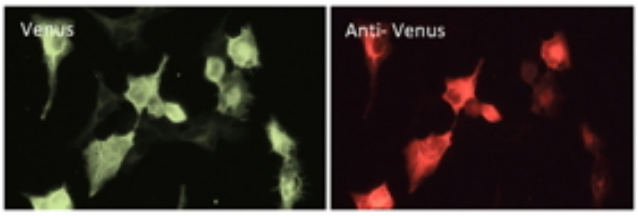
Properties

Form	Liquid
Purification	Epitope affinity purified
Buffer	PBS, 0.05% Sodium azide and 20% Glycerol.
Preservative	0.05% Sodium azide
Stabilizer	20% Glycerol
Concentration	3 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. 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

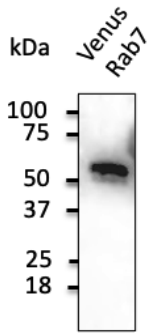
Gene Full Name	Venus Fluorescent Protein
Background	Goat polyclonal antibody to Venus. Venus is a genetic mutant of green fluorescent protein (GFP), derived from Aequorea victoria. Its excitation/emission peaks are 515/528 nm respectively and is often used as a donor-acceptor pair by researchers in FRET based co-localization studies.

Images



ARG46791 anti-Venus antibody ICC/IF image

Immunofluorescence: 293HEK stained with ARG46791 anti-Venus antibody at 1:50 dilution.



ARG46791 anti-Venus antibody WB image

Western blot: Venus Rab7 stained with ARG46791 anti-Venus antibody at 1:2000 dilution.