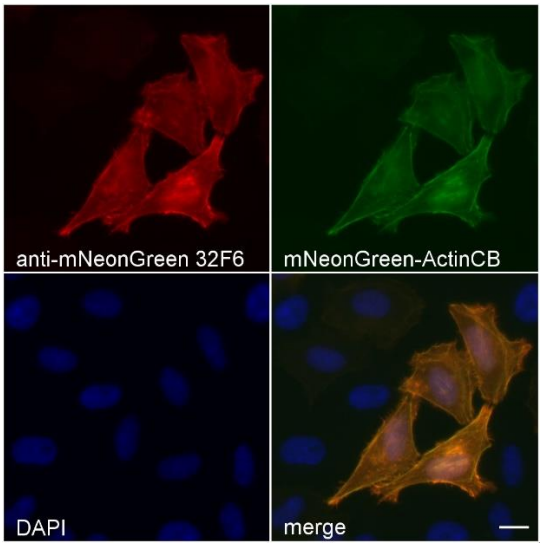
mNeonGreen antibody [32F6]

Relevance	Fluorescent proteins (FP) are powerful tools to study protein function, localization and dynamics in living cells. mNeonGreen is a bright monomeric yellow-green fluorescent protein derived from the lancelet *Branchiostoma lanceolatum*. Lancelet mNeonGreen is evolutionarily distant from jellyfish-derived fluorescent proteins and shares only ~20% sequence identity with the commonly used GFP variants.
Specificity	The antibody recognizes mNeonGreen
Description	Mouse monoclonal antibody [32F6] to mNeonGreen Protein
Product Type	Primary antibody
Isotype	IgG2c
Form	Purified antibody
Product Code	32f6
Size	20 µL; 100 µL
Storage Buffer	0.6 mg/ml Polysorbate 80, 92.43 mg/ml Sucrose, 4.66 mg/ml L-Histidine, 4.66 mg/ml Histidine Hydrochlorid monohydrate, pH 5.8 Preservative: 0.09% Sodium Azide
Storage instructions	Shipped on blue ice. Store at +4°C/+40°F. Aliquot upon arrival. Stable for 1 year. Do not freeze!
Application	Immunofluorescence: 1:500, PFA fixation, 4% BSA in PBS + 0.075% Tween-20 for blocking The concentration of the antibody can vary. The optimal dilution should be determined by the end user. A titration from a 1:200 up to 1:1,000 is recommended.

Tested applications

Immunofluorescence

Primary antibody: 32F6 1:500
Secondary antibody: anti-mouse Alexa Fluor® 568 1:500



Immunostaining of HeLa cells transiently expressing mNeonGreen fused to Actin Chromobody (green) with 32F6 antibody (red). Merge image shows overlay of green and red channels and DAPI (blue). Scale bar, 10 µm.

Only for research applications, not for diagnostic or therapeutic use.