

Rabbit anti-Goat IgG (Heavy Chain) Superclonal™ Secondary Antibody, Alexa Fluor™ 555

Product Details

| | |
|-------------------------|-------------------------------------|
| Size | 1 mg |
| Species Reactivity | Goat |
| Host/Isotype | Rabbit / IgG |
| Expression system | Expi293 |
| Class | Recombinant Superclonal |
| Type | Secondary Antibody |
| Conjugate | Alexa Fluor™ 555 |
| Excitation/Emission Max | 553/568 nm |
| Immunogen | Recombinant full-length protein |
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | Gravity column chromatography |
| Storage buffer | PBS |
| Contains | 5mM sodium azide |
| Storage conditions | 4° C, store in dark, DO NOT FREEZE! |
| RRID | AB_2536081 |

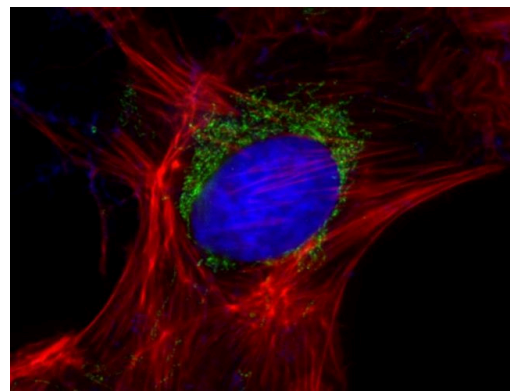
| Applications | Tested Dilution | Publications |
|------------------------------|-----------------|---------------|
| Immunohistochemistry (IHC) | - | 0 Publication |
| Immunocytochemistry (ICC/IF) | 0.1-1 µg/mL | - |

Product Specific Information

The sensitivity and specificity of each lot is confirmed using ELISA.

Minimal cross-reactivity with mouse, rat, human, bovine, guinea pig, and donkey IgG is observed.

Recombinant rabbit polyclonal antibodies are unique offerings from Thermo Fisher Scientific. They are comprised of a selection of multiple different recombinant monoclonal antibodies, providing the best of both worlds - the sensitivity of polyclonal antibodies with the specificity of monoclonal antibodies - all delivered with the consistency only found in a recombinant antibody. While functionally the same as a polyclonal antibody - recognizing multiple epitope sites on the target and producing higher detection sensitivity for low abundance targets - a recombinant rabbit polyclonal antibody has a known mixture of light and heavy chains. The exact population can be produced in every lot, circumventing the biological variability typically associated with polyclonal antibody production.



Goat IgG (Heavy Chain) Secondary Antibody (A27017) in ICC/IF
Smooth muscle Actin (red) in U2OS human osteocarcinoma cells was labeled with Goat anti-alpha-smooth muscle Actin primary antibody and visualized using Rabbit anti-Goat IgG (Heavy Chain) Superclonal™ Secondary Antibody, Alexa Fluor® 555 conjugate (Product # A27017) (0.4 µg/mL, 1:2500). Nuclei (blue) were stained with SlowFade® Gold Antifade Mountant using DAPI (Product # S36938) (1:50). To demonstrate multiplexing Apoptosis Inducing Factor (green) was labeled with anti-AIF mouse primary antibody (Product # 45-6200) and visualized with Rabbit anti-Mouse IgG Heavy Chain, Alexa Fluor® 488 conjugate (Product # A-11059) (1:400).

16 References

Regulation of Drp1 and enhancement of mitochondrial fission by the deubiquitinating enzyme PSMD14 facilitates the proliferation of bladder cancer cells. *Oncol Rep* (2024)

Secreted endogenous macrosomes reduce A burden and ameliorate Alzheimer's disease. *Sci Adv* (2023)

Apolipoprotein E4 impairs the response of neurodegenerative retinal microglia and prevents neuronal loss in glaucoma. *Immunity* (2022)

Sufentanil ameliorates oxygen-glucose deprivation/reoxygenation-induced endothelial barrier dysfunction in HCMECs via the PI3K/Akt signaling pathway. *Exp Ther Med* (2022)

Adult mouse fibroblasts retain organ-specific transcriptomic identity. *Elife* (2022)

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