

Connexin 40 Recombinant Polyclonal Antibody (5HCLC)

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotope	Rabbit / IgG
Class	Recombinant Polyclonal
Type	Antibody
Clone	5HCLC
Conjugate	Unconjugated
Immunogen	Peptide corresponding to amino acids 334–344 of human connexin 40
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS
Contains	0.09% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2532636

Applications	Tested	Dilution	Published
Immunocytochemistry (ICC)	✓	1-3 µg/mL	
Immunofluorescence (IF)	✓	1-3 µg/mL	

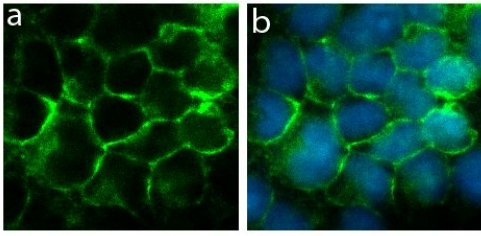
Product Specific Information

This antibody is predicted to react with equine, mouse and rat based on sequence homology.

Intact IgG appears on a non-reducing gel as ~150 kDa band and upon reduction generating a ~25 kDa light chain band and a ~50 kDa heavy chain.

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.

Product Images For Connexin 40 Recombinant Polyclonal Antibody (5HCLC)



Connexin 40 Antibody (710226) in IF

Immunofluorescent analysis of Connexin-40 in U2OS cells using a Connexin-40 Recombinant Rabbit Polyclonal Antibody (Product # 710226) followed by detection using an Alexa Fluor 488-conjugated Goat anti-Rabbit secondary antibody (green) (Image A). Image B is a composite image with nuclei stained using DAPI (blue) showing cell junction localization of Connexin-40.

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