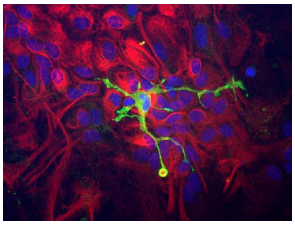
Anti-Coronin 1a Antibody (A85431)

Specifications:

Name:	Anti-Coronin 1a Antibody
Description:	Rabbit polyclonal antibody to Coronin 1a.
Applications:	WB, ICC/IF
Recommended Dilutions:	WB: 1:5,000, ICC/IF: 1:500-1:1,000
Reactivity:	Human, Bovine, Porcine, Rat, Mouse
Immunogen:	C-terminal peptide of human Coronin 1a, coupled to KLH.
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Molecular Weight:	~55 kDa
Purity:	Whole antiserum.
Product Form:	Liquid
Formulation:	Supplied as an aliquot of serum with 5mM Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:



Immunocytochemistry of a mixed neuron/glial culture from newborn rat brain stained with Anti-Coronin 1a Antibody (1:10,000 | green) and Anti-Vimentin Antibody (A85421 | 1:10,000 | red). Blue is nuclear DNA counter stain. Glial cells and fibroblasts stain with vimentin, while microglia alone stain strongly and specifically for Coronin 1a, which can therefore be used as a robust marker of this important cell type.

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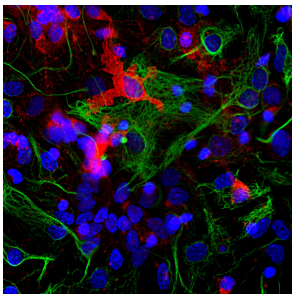
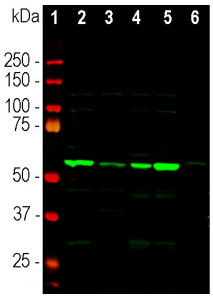
Images continued:



Immunofluorescent analysis of cortical neuron-glial cell culture from E20 rat stained with Anti-Coronin 1a Antibody (A85431), at a dilution of 1:1,000 in red, and co-stained with Anti-GFAP Antibody (A85422), at a dilution of 1:1,000 in green. The nuclear DNA is visualised in blue using Hoechst staining. The Anti-Coronin 1a Antibody (A85431) labels protein expressed in the cytoplasm of microglia cells, while Anti-GFAP Antibody (A85422) stains intermediate filaments in astrocytic cells.



Western blot analysis of tissue lysates using Anti-Coronin 1a Antibody (A85431), at a dilution of 1:5,000, in green. The lanes contain samples of: [1] Protein standards, [2] mouse brain, [3] rat brain, [4] cow cerebellum, [5] cow cortex, and [6] pig spinal cord. The strong single band at approximately 55 kDa corresponds to the coronin 1a protein.

Western blot of HL60 cell extract stained with Anti-Coronin 1a Antibody (1:10,000). A prominent band running with an apparent SDS-PAGE molecular weight of ~57 kDa corresponds to Coronin 1a. Numbers represent positions of molecular weight standards in kDa.