

Involucrin Monoclonal Antibody (SY5)

Product Details	
Size	500 µL
Species Reactivity	Dog, Human, Non-human primate, Pig, Rat
Published Species	Rat, Sheep, Human, Mouse
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	SY5
Conjugate	Unconjugated
Immunogen	Human keratinocytes' involucrin
Form	Liquid
Concentration	0.2 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4, with 0.2% BSA
Contains	0.09% sodium azide
Storage Conditions	4° C
RRID	AB_10982738

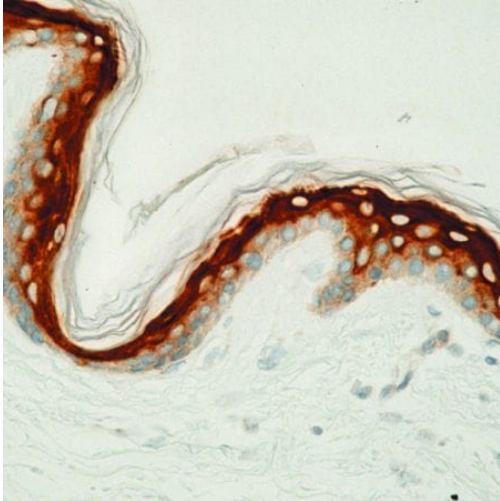
Applications	Tested	Dilution	Published
Western Blot (WB)	✓	1-2 µg/mL	11 Publications
Immunofluorescence (IF)	✓	Assay Dependent	1 Publication
Immunocytochemistry (ICC)	-	1:1000	10 Publications
Immunohistochemistry (IHC)	-		19 Publications
Flow Cytometry (Flow)	-		1 Publication
Immunohistochemistry (Frozen) (IHC (F))	-		1 Publication
ELISA (ELISA)	✓	Assay Dependent	
Immunohistochemistry (Paraffin) (IHC (P))	✓	1:100-200	
Immunoprecipitation (IP)	✓	2 µg/mL	

Product Specific Information

MA5-11803 targets Involucrin in ELISA, IF, IHC (P), IP, and WB applications and shows reactivity with Canine, Human, Non-human primate, Porcine, and Rat samples.

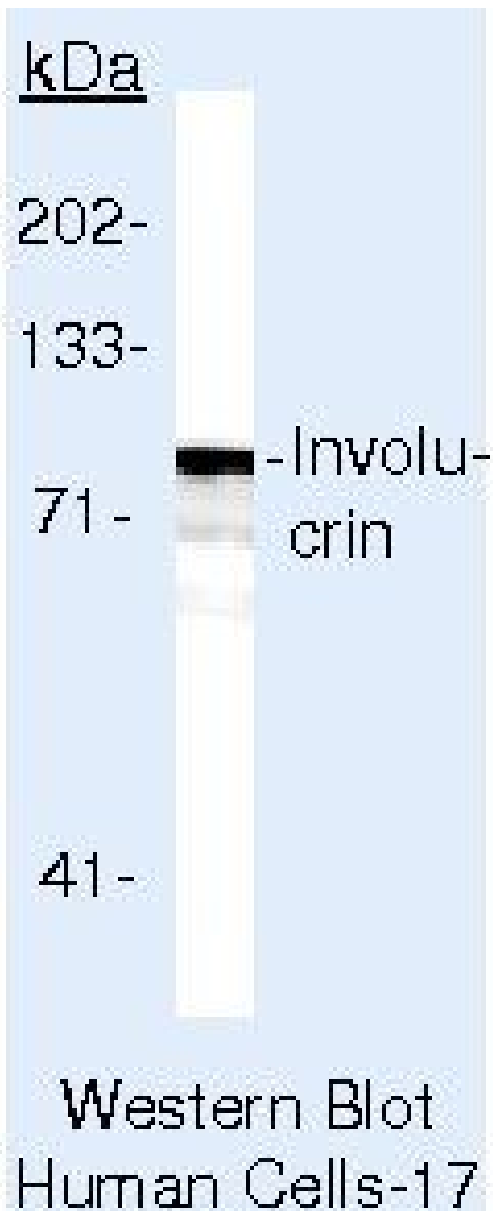
The MA5-11803 immunogen is human keratinocytes' involucrin.

Product Images For Involucrin Monoclonal Antibody (SY5)



Involucrin Antibody (MA5-11803) in IHC

Formalin-fixed, paraffin-embedded human skin stained with Involucrin antibody using peroxidase-conjugate and DAB chromogen. Note cytoplasmic staining in the epidermal region.



Involucrin Antibody (MA5-11803) in WB

Western blot of Involucrin using Involucrin Monoclonal Antibody (Product # MA5-11803) on LS174T Cells.

43 References

Western Blot (11)

PloS one Prolonging culture of primary human keratinocytes isolated from suction blisters with the Rho kinase inhibitor Y-27632. Authors: Anderson ED,Sastalla I,Earland NJ,Mahnaz M,Moore IN,Otaizo-Carrasquero F,Myers TG,Myles CA,Datta SK,Myles IA	Species Human Not Applicable Dilution Not Cited Not Cited Year 2019
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Methods in molecular biology (Clifton, N.J.) Growth and differentiation of HaCaT keratinocytes. "MA5-11803 was used in western blot to discuss how changes in calcium levels control differentiation of HaCaT." Authors: Wilson VG	Species Human Dilution Not Cited Year 2015
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[View more WB references on thermofisher.com](#)

Immunofluorescence (1)

PloS one Prolonging culture of primary human keratinocytes isolated from suction blisters with the Rho kinase inhibitor Y-27632. Authors: Anderson ED,Sastalla I,Earland NJ,Mahnaz M,Moore IN,Otaizo-Carrasquero F,Myers TG,Myles CA,Datta SK,Myles IA	Species Human Not Applicable Dilution Not Cited Not Cited Year 2019
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Immunocytochemistry (10)

Development (Cambridge, England) The carboxy-terminus of p63 links cell cycle control and the proliferative potential of epidermal progenitor cells. "MA5-11803 was used in immunocytochemistry to determine the link between cell cycle control and proliferative potential of epidermal progenitor cells by the carboxy-terminus of p63" Authors: Suzuki D,Sahu R,Leu NA,Senoo M	Species Not Applicable Dilution 1:1000 Year 2015
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[View more ICC references on thermofisher.com](#)

More applications with references on thermofisher.com

[IHC \(19\)](#) [Flow \(1\)](#) [IHC \(F\) \(1\)](#)

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