

CD44 Monoclonal Antibody (156-3C11)

Product Details

Size	500 µL
Species Reactivity	Baboon, Human, Non-human primate
Published Species	Human
Host/Isotope	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	156-3C11
Conjugate	Unconjugated
Immunogen	Stimulated human leukocytes
Form	Liquid
Concentration	0.2 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4, with 0.2% BSA
Contains	0.09% sodium azide
Storage Conditions	4° C
RRID	AB_10986810

Applications	Tested	Dilution	Published
Flow Cytometry (Flow)	✓	2 µg/test	5 Publications
Western Blot (WB)	✓	1-2 µg/mL	3 Publications
Immunohistochemistry (Paraffin) (IHC (P))	✓	1-2 µg/mL	5 Publications
Blocking Assay (BLOCK)	-		1 Publication
Immunocytochemistry (ICC)	✓	2 µg/mL	5 Publications
Immunofluorescence (IF)	✓	2 µg/mL	2 Publications
Miscellaneous PubMed (MISC)	-	1:100-1:200	4 Publications
Immunohistochemistry (IHC)	-	1:100	36 Publications
Immunoprecipitation (IP)	✓	2 µg/mL	

Product Specific Information

MA5-13890 targets CD44 in FACS, IHC (P), ICC/IF, IP and WB applications and shows reactivity with Human, Baboon and Non-human primate samples.

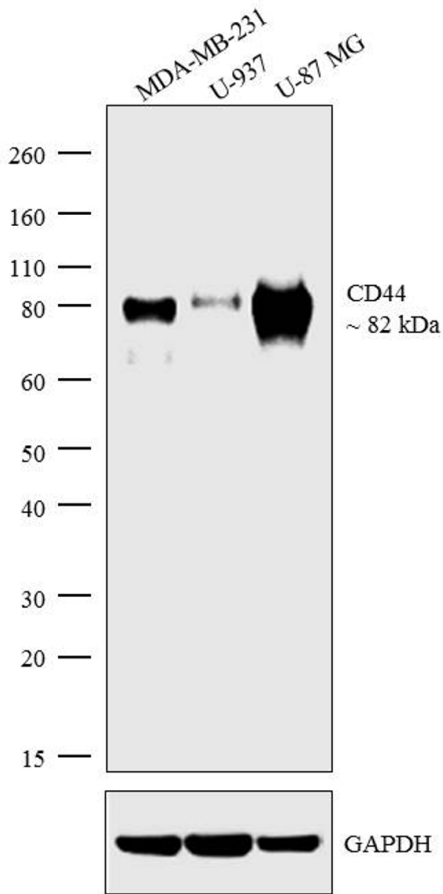
The MA5-13890 immunogen is stimulated human leukocytes.

MA5-13890 was used in the immunofluorescence analysis to successfully detect CD44 in human mesenchymal stem cells derived from iPSCs.

Advanced Verification Data

CD44 Antibody (MA5-13890)

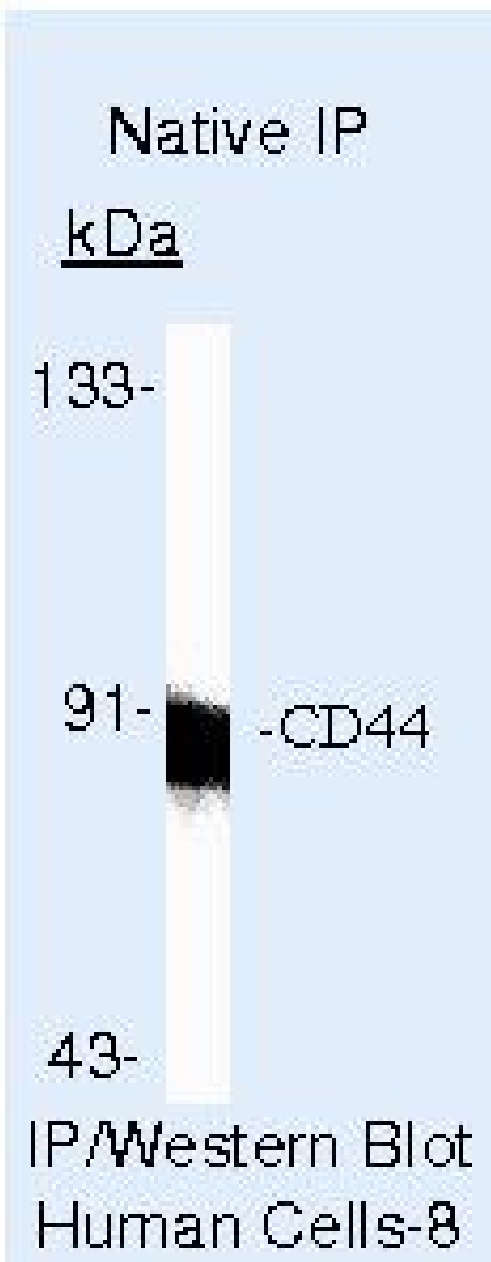
The specificity of anti-CD44 monoclonal antibody (Product # MA5-13890) was demonstrated by the western blot detection of varying levels of endogenous CD44 in MDA-MB-231 (Lane 1), U-937 (Lane 2), and U-87 MG (Lane 3). Relative expression validation info.



Product Images For CD44 Monoclonal Antibody (156-3C11)

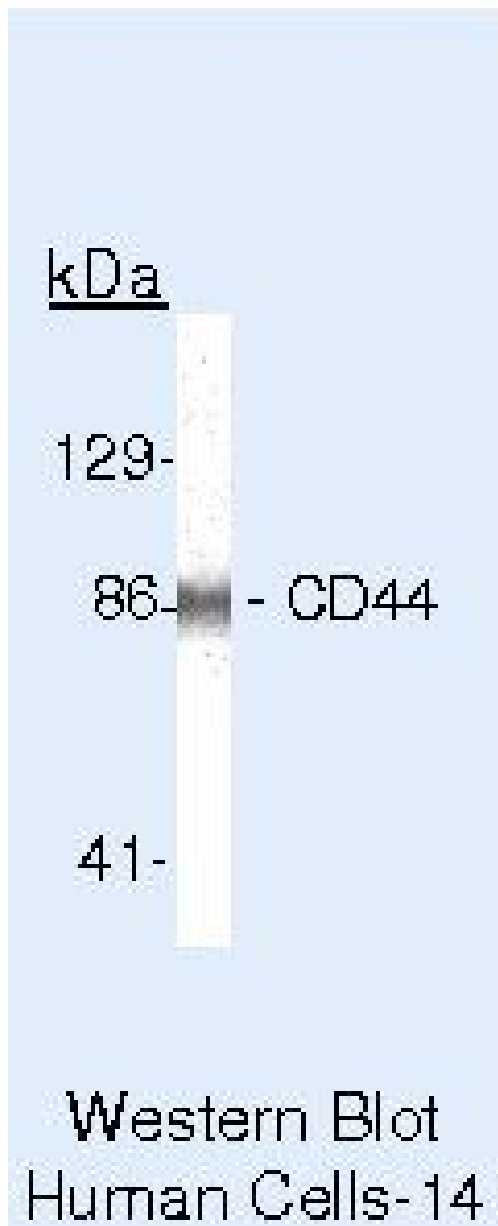
CD44 Antibody (MA5-13890) in IP

Immunoprecipitation of CD44 Std using CD44 Std Monoclonal Antibody (Product # MA5-13890) on Native Human HeLa Cells.



CD44 Antibody (MA5-13890) in WB

Western blot of CD44 Std using CD44 Std Monoclonal Antibody (Product # MA5-13890) on HUVEC Cells.



Western Blot
Human Cells- 14

[View more figures on thermofisher.com](https://www.thermofisher.com)

61 References

Flow Cytometry (5)

Oncology reports

Inhibition of GSK3 and MEK induced cancer stem cell generation via the Wnt and MEK signaling pathways.

"Published figure using CD44 monoclonal antibody (Product # MA5-13890) in Flow Cytometry"

Authors: Liao S,Gan L,Qin W,Liu C,Mei Z

Species
Not Applicable

Dilution
Not Cited

Year
2018

Proceedings of the National Academy of Sciences of the United States of America

MIF allele-dependent regulation of the MIF coreceptor CD44 and role in rheumatoid arthritis.

"MA513890 was used in flow cytometry to explore how the CD74/CD44 MIF receptor contributes to rheumatoid arthritis"

Authors: Yoo SA,Leng L,Kim BJ,Du X,Tilstam PV,Kim KH,Kong JS,Yoon HJ,Liu A,Wang T,Song Y,Sauler M,Bernhagen J,Ritchlin CT,Lee P,Cho CS,Kim WU,Bucala R

Species
Human

Dilution
Not Cited

Year
2016

[View more Flow references on thermofisher.com](#)

Western Blot (3)

International journal of molecular sciences

Role of Corneal Stromal Cells on Epithelial Cell Function during Wound Healing.

"Published figure using CD44 monoclonal antibody (Product # MA5-13890) in Western Blot"

Authors: Kowtharapu BS,Murin R,Jünemann AGM,Stachs O

Species
Human

Dilution
Not Cited

Year
2018

Scientific reports

REST is a crucial regulator for acquiring EMT-like and stemness phenotypes in hormone-refractory prostate cancer.

"MA513890 was used in immunocytochemistry to find RE1 silencing transcription factor regulates epithelial-mesenchymal transition and neuroendocrin cell stemness acquisition in hormone-refractory prostate cancer"

Authors: Chang YT,Lin TP,Campbell M,Pan CC,Lee SH,Lee HC,Yang MH,Kung HJ,Chang PC

Species
Human

Dilution
Not Cited

Year
2017

[View more WB references on thermofisher.com](#)

More applications with references on thermofisher.com

IHC (P) (5)

BLOCK (1)

ICC (5)

IF (2)

MISC (4)

IHC (36)

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