

# SOX11 Recombinant Rabbit Monoclonal Antibody (SD203-08)

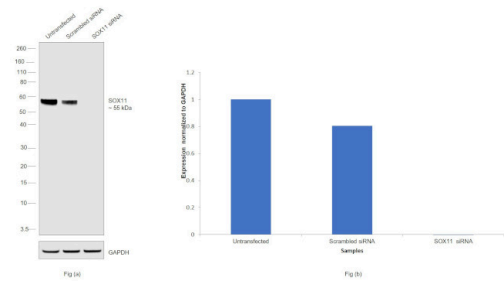
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	SD203-08
Conjugate	Unconjugated
Immunogen	Synthetic peptide within Human SOX11 aa 1-50
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	TBS, pH 7.4, with 40% Glycerol, 0.05% BSA
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2809673

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	-
Immunocytochemistry (ICC/IF)	1:50-1:200	-

## Product Specific Information

Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

Product Images For SOX11 Recombinant Rabbit Monoclonal Antibody (SD203-08)

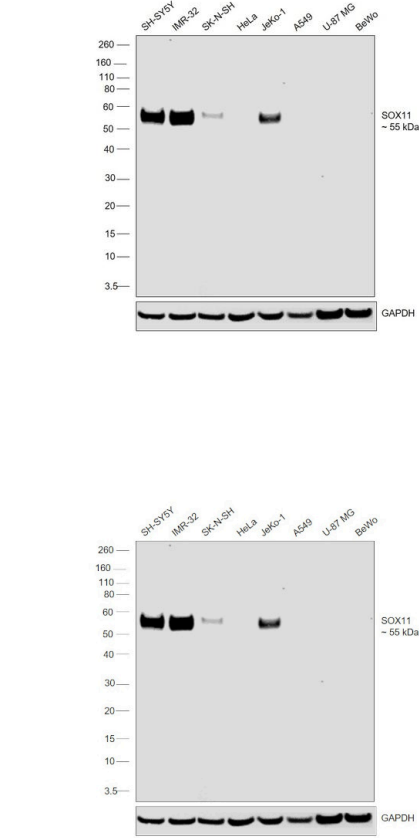


SOX11 Antibody (MA5-32395)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. SH-SY5Y cells were transfected with SOX11 siRNA and decrease in signal intensity was observed in Western Blot application using Anti-SOX11 Recombinant Rabbit Monoclonal Antibody (SD203-08) (Product # MA5-32395). {KD}

SOX11 Antibody (MA5-32395) in WB

Western blot was performed using Anti-SOX11 Recombinant Rabbit Monoclonal Antibody (SD203-08) (Product # MA5-32395) and a 55 kDa band corresponding to SOX11 was observed across cell lines tested. Nuclear enriched extracts (30 µg lysate) of SH-SY5Y (Lane 1), IMR-32 (Lane 2), SK-N-SH (Lane 3), HeLa (Lane 4), JeKo-1 (Lane 5), A549 (Lane 6), U-87 MG (Lane 7) and BeWo (Lane 8) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:20000 dilution) using the iBright™ FL1500 Imaging System (Product # A44115). Chemiluminescent detection was performed using SuperSignal™ West Pico PLUS Chemiluminescent Substrate (Product # 34580).



SOX11 Antibody (MA5-32395)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell lines tested owing to their inherent genetic constitution. Relative expression of SOX11 was observed in was observed to be high in SH-SY5Y, IMR-32,SK-N-SH and JeKo-1 in comparison to Low expression in HeLa,, A549, U-87 MG and BeWo using Anti-SOX11 Recombinant Rabbit Monoclonal Antibody (SD203-08) (Product # MA5-32395) in Western Blot.(Ref: DOI: 10.1186/s12885-015-1208-y). {RE}

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