

Caspase 8 Recombinant Rabbit Monoclonal Antibody (ARC0028)

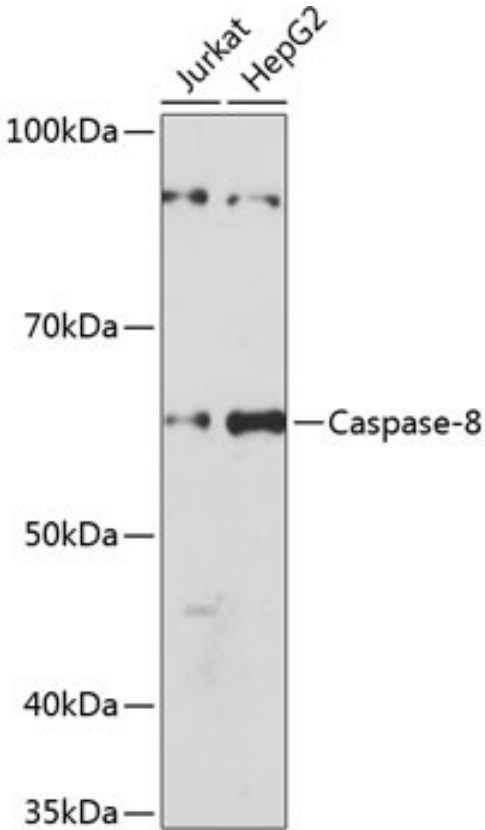
Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	ARC0028
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human Caspase-8 (Q14790)
Form	Liquid
Concentration	0.43 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS, pH 7.3, with 50% glycerol, 0.05% BSA
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2849198

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-

Product Specific Information

Immunogen sequence: EELCGVMTIS DSPREQDSES QTLDKVYQMK SKPRGYCLII NNHNFAKARE KVPKLHSIRD
RNGTHLDAGA LTTTFEELHF EIKPHDDCTV EQIYEILKIY Q

Product Images For Caspase 8 Recombinant Rabbit Monoclonal Antibody (ARC0028)

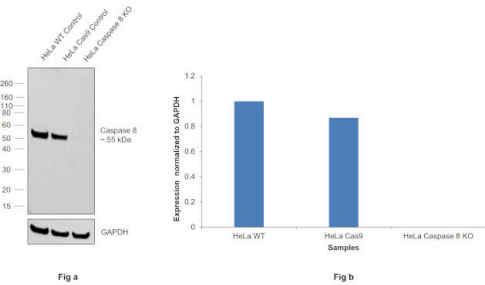


Caspase 8 Antibody (MA5-35296) in WB

Western blot analysis of Caspase 8 in extracts of various cell lines. Samples were incubated with Caspase 8 Monoclonal antibody (Product # MA5-35296) using a dilution of 1:1,000, followed by HRP Goat Anti-Rabbit IgG (H+L) at a dilution of 1:10,000. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3 min.

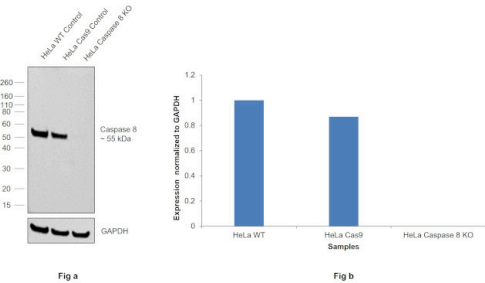
Caspase 8 Antibody (MA5-35296)

Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. A loss of signal was observed for target protein in Caspase 8 KO cell line compared to control cell line using Caspase 8 Recombinant Rabbit Monoclonal Antibody (ARC0028) (Product # MA5-35296). {KO}



Caspase 8 Antibody (MA5-35296) in WB

Knockout of Caspase 8 was achieved by CRISPR-Cas9 genome editing using LentiArray™ Lentiviral sgRNA (Product # A32042, Assay ID CRISPR700737_LV&CRISPR700742_LV) and LentiArray Cas9 Lentivirus (Product # A32064). Western blot analysis of Caspase 8 was performed by loading 30 µg of HeLa wild type (Lane 1), HeLa Cas9 (Lane 2) and HeLa Caspase 8 KO (Lane 3) whole cell extracts. The samples were electrophoresed using NuPAGE™ Novex™ 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 Caspase 8 Recombinant Rabbit Monoclonal Antibody (ARC0028) (Product # MA5-35296, 1:2000 dilution) and detected by Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:10,000 dilution) using the iBright™ FL1500 (Product # A44115). Chemiluminescent detection was performed using SuperSignal™ West Dura Extended Duration Substrate (Product # 34076). Loss of signal upon CRISPR mediated knockout (KO) using the LentiArray™ CRISPR product line confirms that antibody is specific to Caspase 8.



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