

# CD59 Monoclonal Antibody (2E11B6)

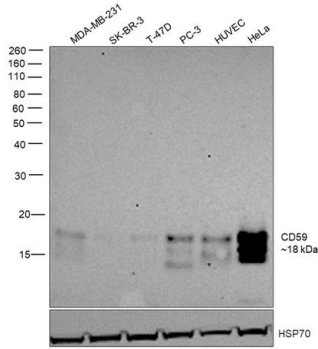
Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	2E11B6
Conjugate	Unconjugated
Immunogen	Recombinant CD59 Protein
Form	Liquid
Concentration	0.87 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.03% ProClin 300
Storage conditions	-20°C or -80°C if preferred
RRID	AB_2811923

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:5,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:500	-
ELISA (ELISA)	Assay-Dependent	-

Product Images For CD59 Monoclonal Antibody (2E11B6)

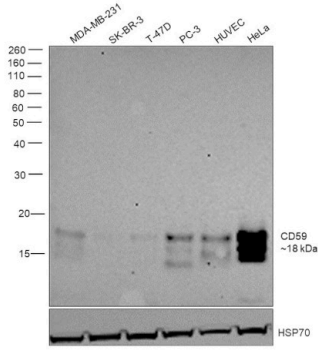
CD59 Antibody (MA5-33107) in WB

Western blot was performed using Anti-CD59 Monoclonal Antibody (2E11B6) (Product # MA5-33107) and an 18 kDa band corresponding to CD59 glycoprotein was observed across the cell lines except for SK-BR3 and T-47D that showed lower expression levels as reported in the literature. Membrane enriched extracts (30 µg lysate) of MDA-MB-231 (Lane 1), SK-BR-3 (Lane 2), T-47D (Lane 3), PC-3 (Lane 4), HUVEC (Lane 5), HeLa (Lane 6) were electrophoresed using NuPAGE™ 12% is-Tris Protein Gel (Product # NP0342BOX). 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 µg/mL) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, (1:4000 dilution)) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using SuperSignal™ West Dura Extended Duration Substrate (Product # 34076).



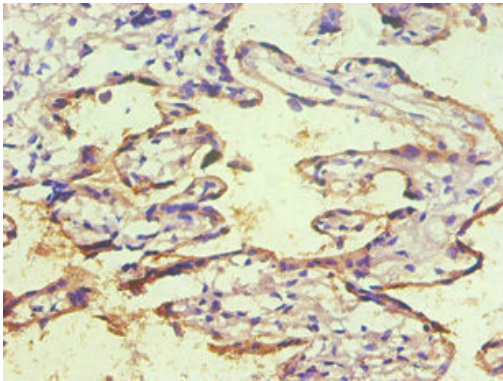
CD59 Antibody (MA5-33107)

Antibody specificity was demonstrated by the detection of differential basal expression of the target across MDA-MB-231, SK-BR-3, and T-47D owing to their inherent genetic constitution. Higher levels of CD59 glycoprotein expression was observed in MDA-MB-231 as opposed to SK-BR-3 and T-47D cell lines using Anti-CD59 Monoclonal Antibody (2E11B6) (Product # MA5-33107) in Western Blot application. {RE}



CD59 Antibody (MA5-33107) in IHC (P)

Immunohistochemical analysis of CD59 in paraffin embedded human placenta tissue using a CD59 monoclonal antibody (Product # MA5-33107) at a dilution of 1:200.



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