

# BRCA1 Monoclonal Antibody (KEN)

## Product Details

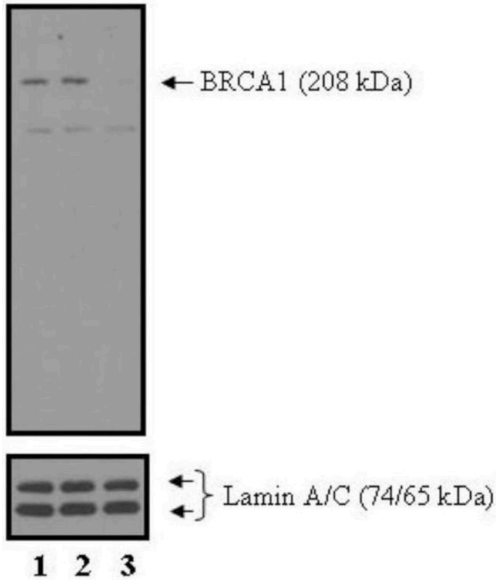
Size	100 µL
Species Reactivity	Human
Host/Isotype	Mouse / IgG3, kappa
Class	Monoclonal
Type	Antibody
Clone	KEN
Conjugate	Unconjugated
Immunogen	Human BRCA1 containing residues 1314-1864.
Form	Liquid
Concentration	1.5 mg/mL
Purification	Protein A
Storage buffer	PBS
Contains	0.05% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_568467

Applications	Tested Dilution	Publications
Western Blot (WB)	2-4 µg/mL	-
Immunocytochemistry (ICC/IF)	1:100	-
Immunoprecipitation (IP)	1:10-1:500	-

## Product Specific Information

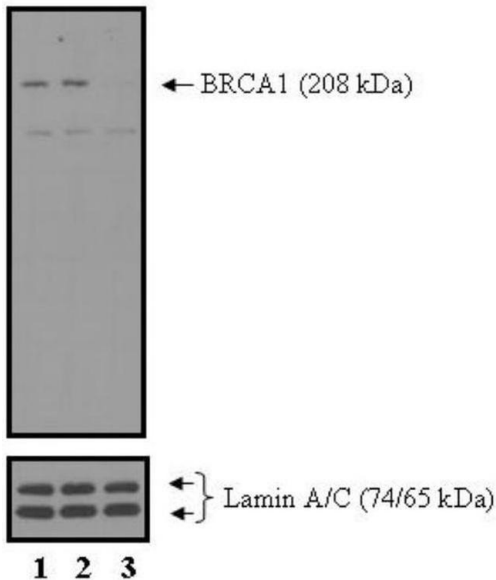
Suggested positive control: U2OS and MCF-7 whole cell lysates.

Product Images For BRCA1 Monoclonal Antibody (KEN)



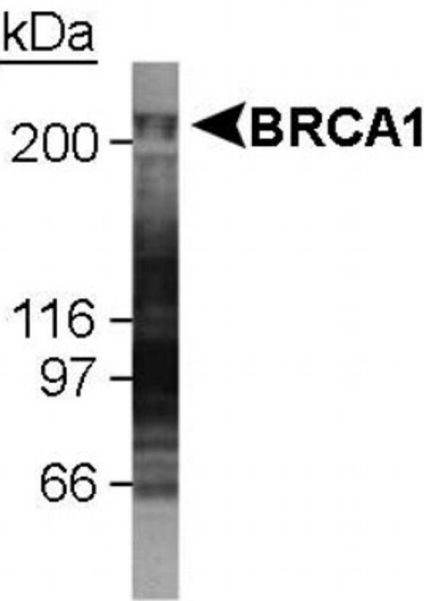
**BRCA1 Antibody (MA1-16618)**

The specificity of anti-BRCA1 Mouse monoclonal antibody (Product # MA1-16618) was demonstrated by siRNA knockdown. Western blot analysis of HeLa cell extracts using this antibody showed decreased level of BRCA1 protein expression in cells transfected with BRCA1 specific siRNA (lane 3) but not in controls (lane 1 and 2). {KD}



**BRCA1 Antibody (MA1-16618) in WB**

Western blot analysis of BRCA1 was performed with 10 µg of HeLa cells transfected with Transfection Reagent alone (Lane 1), 100nM Non-Targeting control siRNA (Lane 2), or 100nM siRNA against BRCA1 (Lane 3). Proteins were resolved using a NuPAGE® Novex 4-12% Bis-Tris Gel (Product # NP0322BOX), XCell SureLock™ Electrophoresis System (Product # EI0002), and a protein size ladder. Proteins were wet transferred to a Pierce Nitrocellulose Membrane (Product # 88025) OR Pierce PVDF Membrane (Product # 88518) and blocked with Pierce Starting Block T20 (PBS) Blocking Buffer (Product # 37539) for 1 hour at room temperature. BRCA1 was detected at ~ 208 kDa using BRCA1 Mouse monoclonal antibody (Product # MA1-16618) diluted in Pierce Starting Block T20 (PBS) Blocking Buffer 4°C overnight on a rocking platform. Pierce Goat Anti-Mouse (Product # 31437) HRP-Conjugated Antibodies at a 1:2500 dilution were used and chemiluminescent detection was performed using Pierce Supersignal West Dura Maximum Sensitivity Substrate (Product # 37071). Relative density of the bands normalized to Lamin A/C (74/65 kDa). BRCA1 Antibody (Product # MA1-16618) confirms silencing of BRCA1 expression.



**BRCA1 Antibody (MA1-16618) in WB**

Western blot analysis of BRCA1 in U2OS whole cell lysate. Samples were incubated in BRCA1 monoclonal antibody (Product # MA1-16618). 1 minute ECL detection.

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