

## Product datasheet for **TA424844**

### HDAC4 Rabbit Monoclonal Antibody [Clone ID: 23GB865]

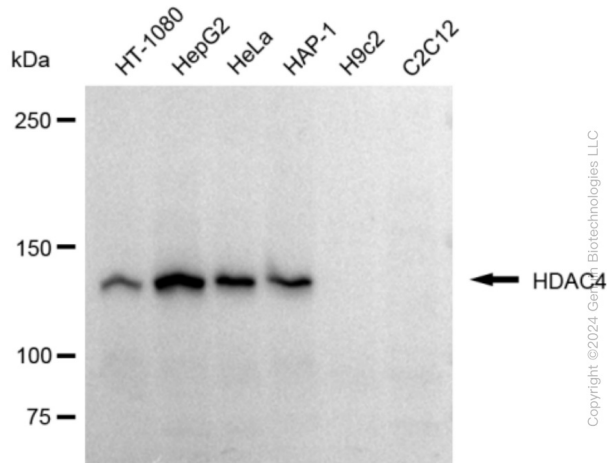
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	23GB865
Applications:	FC, ICC, WB
Recommended Dilution:	Western Blotting (WB): 1:1,000-1:5,000, Flow Cytometry (FCM): 1:2,000, Immunocytochemistry (IC): 1:100-1:1,000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthesized peptide derived from human HDAC4
Formulation:	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Concentration:	Lot dependent
Purification:	Affinity Purified
Conjugation:	Unconjugated
Stability:	Store at -20 °C for one year.
Database Link:	<a href="#">P56524</a>
Synonyms:	AHO3; BDMR; Brachydactyly-Mental Retardation Syndrome; EC 3.5.1.98; HA6116; HD4; HDAC-4; HDAC-A; HDACA; Histone Deacetylase 4; Histone Deacetylase A; KIAA0288; NEDCHF; NEDCHID

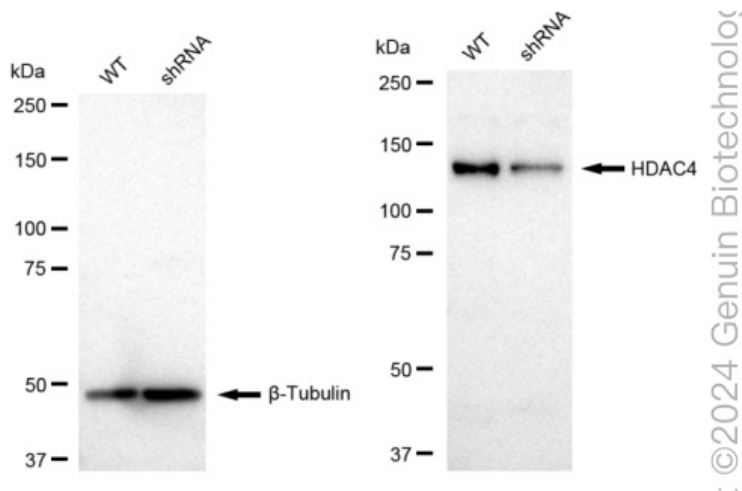


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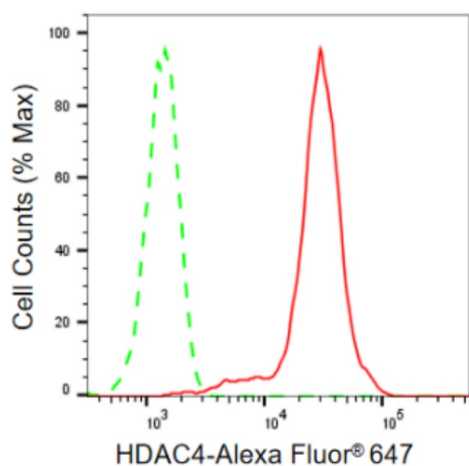
## Product images:



Western blotting analysis using anti-HDAC4 antibody . Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-HDAC4 antibody and HRP-conjugated goat anti-rabbit secondary antibody respectively. Image was developed using anti-FeQ™ ECL Substrate Kit .

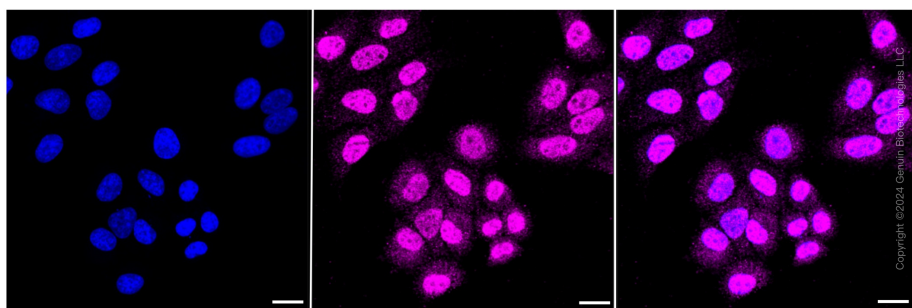


Western blotting analysis using anti-HDAC4 antibody . HDAC4 expression in wild type (WT) and HDAC4 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates . β-Tubulin serves as a loading control. The blot was incubated with anti-HDAC4 antibody and HRP-conjugated goat anti-rabbit secondary antibody respectively. Image was developed using anti-FeQ™ ECL Substrate Kit .



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Flow cytometric analysis of HDAC4 expression in HepG2 cells using anti-HDAC4 antibody . Green, isotype control; red, HDAC4.



Immunocytochemical staining of HepG2 cells with HDAC4 antibody . Nuclei were stained blue with DAPI; HDAC4 was stained magenta with Alexa Fluor® 647. Images were taken using anti-Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20  $\mu$ m.