

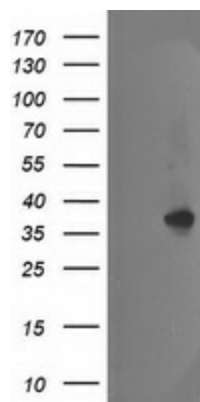
Product datasheet for CF503830

NUDT18 Mouse Monoclonal Antibody [Clone ID: OT11A5]

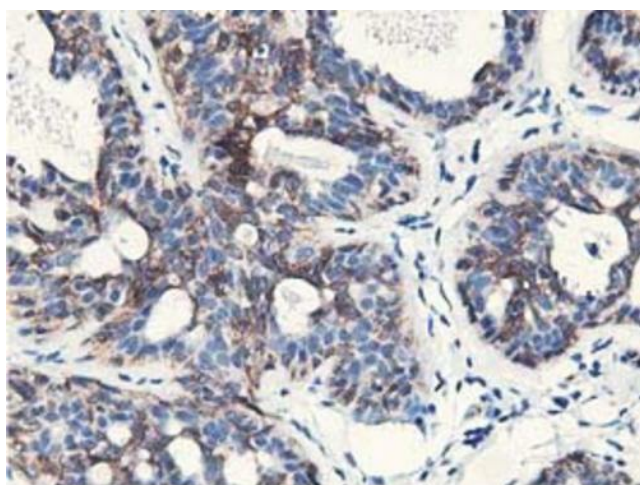
Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OT11A5 |
| Applications: | FC, IF, IHC, WB |
| Recommended Dilution: | WB 1:2000, IHC 1:150, IF 1:100, FLOW 1:100 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human NUDT18(NP_079091) produced in HEK293T cell. |
| Formulation: | Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose) |
| Reconstitution Method: | For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific) |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 35.3 kDa |
| Gene Name: | nudix hydrolase 18 |
| Database Link: | NP_079091 Entrez Gene 79873 Human Q6ZVK8 |
| Synonyms: | MTH3 |

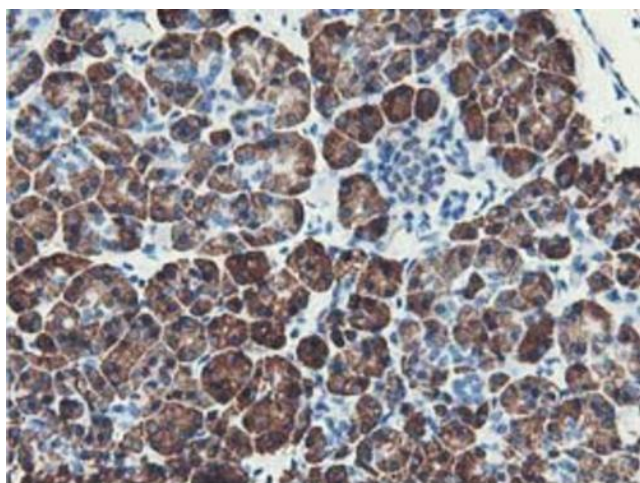

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Product images:


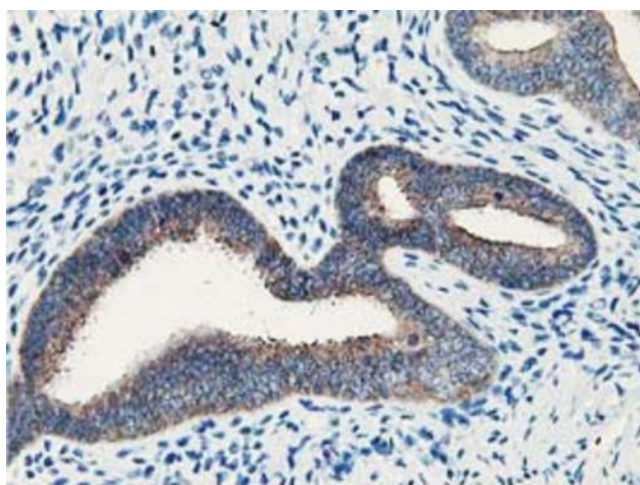
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NUDT18 ([RC204376], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NUDT18. Positive lysates [LY403033] (100ug) and [LC403033] (20ug) can be purchased separately from OriGene.



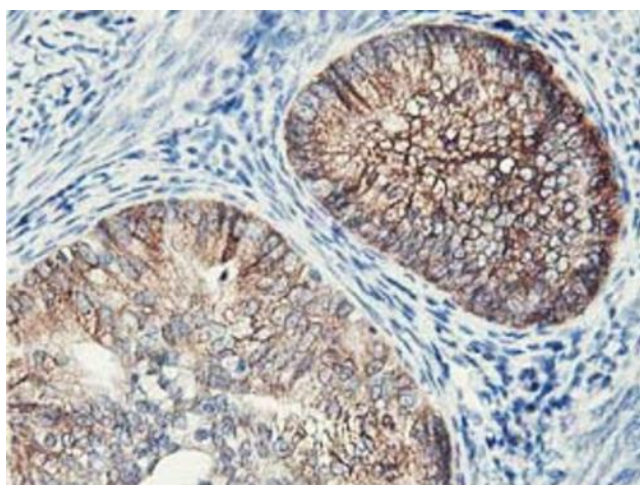
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-NUDT18 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503830])



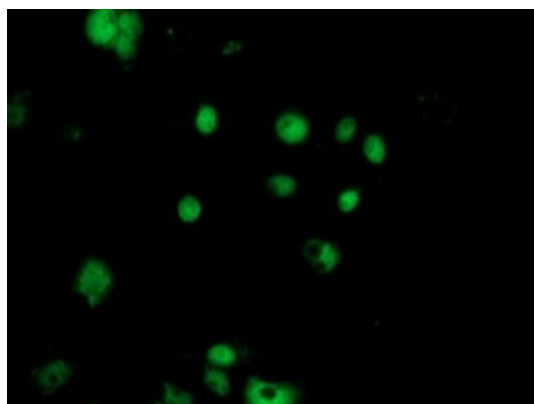
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-NUDT18 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503830])



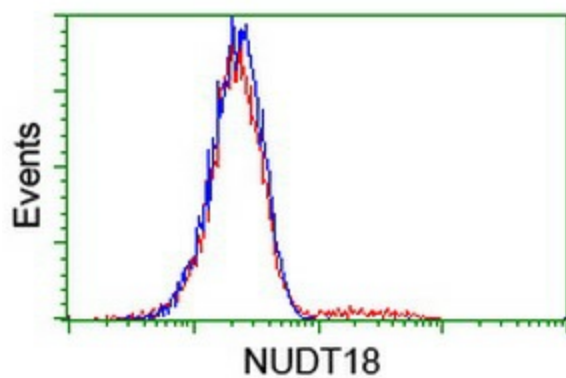
Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-NUDT18 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503830])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-NUDT18 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503830])



Anti-NUDT18 mouse monoclonal antibody ([TA503830]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY NUDT18 ([RC204376]).



HEK293T cells transfected with either [RC204376] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-NUDT18 antibody ([TA503830]), and then analyzed by flow cytometry.