

## Product datasheet for **CF810328**

### CISD2 Mouse Monoclonal Antibody [Clone ID: OTI4E8]

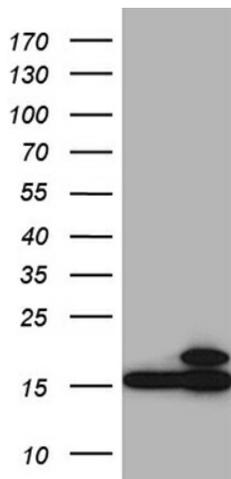
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4E8
Applications:	IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:500
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human CISD2 (NP_001008389) produced in E.coli.
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.
Gene Name:	CDGSH iron sulfur domain 2
Database Link:	<a href="#">NP_001008389</a> <a href="#">Entrez Gene 67006 Mouse</a> <a href="#">Entrez Gene 295457 Rat</a> <a href="#">Entrez Gene 493856 Human</a> <a href="#">Q8N5K1</a>
Synonyms:	ERIS; Miner1; NAF-1; WFS2; ZCD2
Protein Families:	Transmembrane

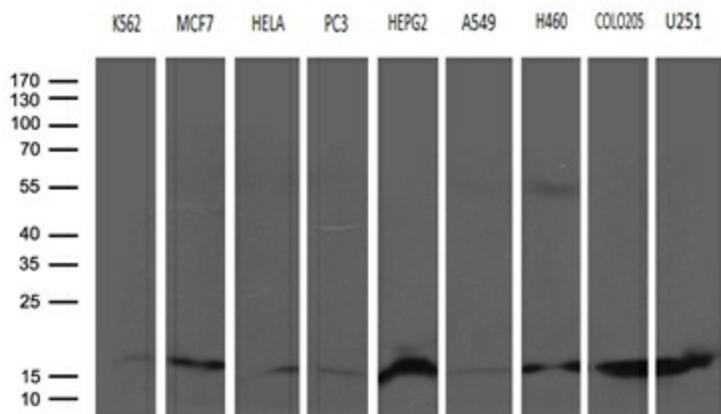


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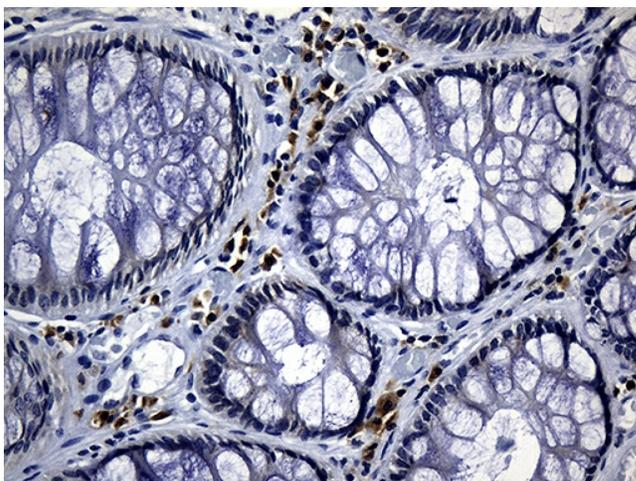
**Product images:**



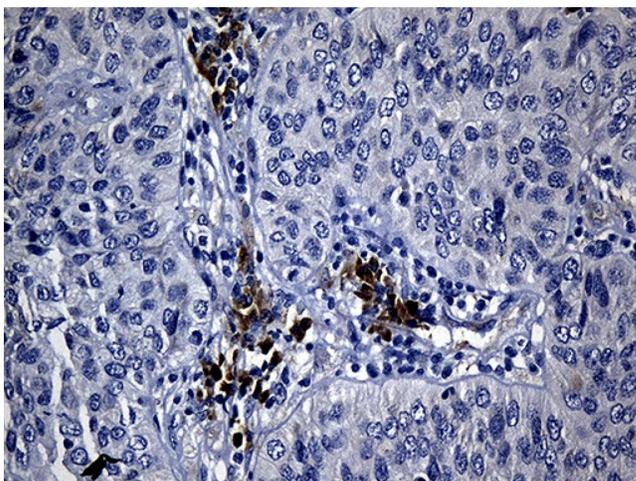
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY CISD2 (Cat# [RC207131], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CISD2 (Cat# [TA810328])(1:2000).



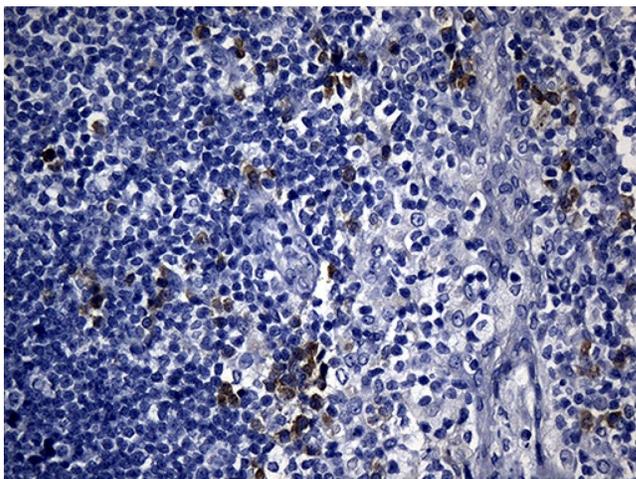
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-CISD2 monoclonal antibody (1:500).



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-CISD2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-CISD2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-CISD2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.