

Product datasheet for **CF810419**

FMO3 Mouse Monoclonal Antibody [Clone ID: OTI1G4]

Product data:

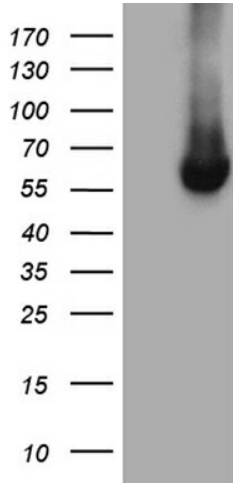
Product Type:	Primary Antibodies
Clone Name:	OTI1G4
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-291 of human FMO3(NP_008825) produced in E.coli.
Formulation:	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.
Predicted Protein Size:	59.9 kDa
Gene Name:	flavin containing dimethylaniline monooxygenase 3
Database Link:	NP_008825 Entrez Gene 14262 Mouse Entrez Gene 2328 Human P31513
Synonyms:	dJ127D3.1; FMOII; TMAU
Protein Families:	Druggable Genome, Transmembrane



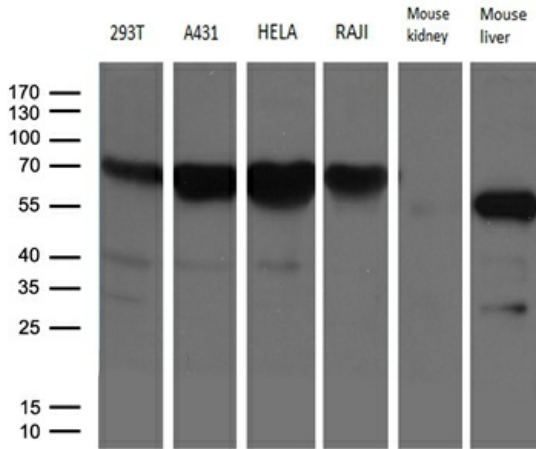
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Protein Pathways: Drug metabolism - cytochrome P450

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY FMO3 ([RC206506], 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-FMO3 (1:500). Positive lysates [LY416335] (100ug) and [LC416335] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 4 different cell lines and 2 different tissue lysates by using anti-FMO3 monoclonal antibody (1:500).