

Product Datasheet

TMEM173 Antibody (orb1239632)

Catalog Number	orb1239632
Category	Antibodies
Description	TMEM173 Antibody
Target	TMEM173
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse
Predicted Reactivity	Bovine, Gallus, Porcine, Rat
Form/Appearance	Liquid
Concentration	1 mg/mL
Buffer/Preservatives	MPYS Antibody is supplied in PBS containing 0.02% sodium azide.
Purification	MPYS Antibody is affinity chromatography purified via peptide column.
Immunogen	Anti-MPYS antibody (orb1239632) was raised against a peptide corresponding to 17 amino acids near the carboxy terminus of human MPYS. The immunogen is located within amino acids 260-310 of MPYS.
UniProt ID	Q86WV6
MW	Predicted: 42kD Observed: 42 kD

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

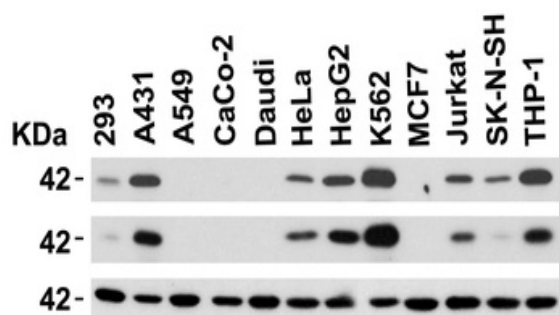
Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

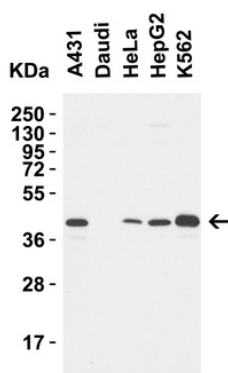
Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Tested applications	ELISA, ICC, IF, WB
Antibody Type	Primary Antibody
Modifications	None
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
NCBI	NP_938023
Expiration Date	12 months from date of receipt.



Independent Antibody Validation (IAV) via Protein Expression Profile in Human Cell Lines. Loading: 15 µg of lysates per lane. Antibodies: MPYS orb1239632 (1 µg/mL), MPYS orb1271001 (2 µg/mL) and beta-actin orb1240312 (1 µg/mL), 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



Western Blot Validation in Human Cell Lines. Loading: 15 µg of lysates per lane. Antibodies: MPYS orb1239632 (1 µg/mL), 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.

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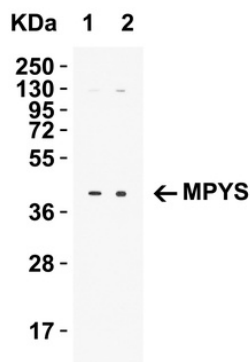
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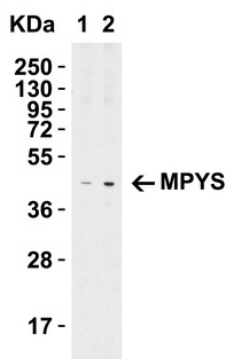
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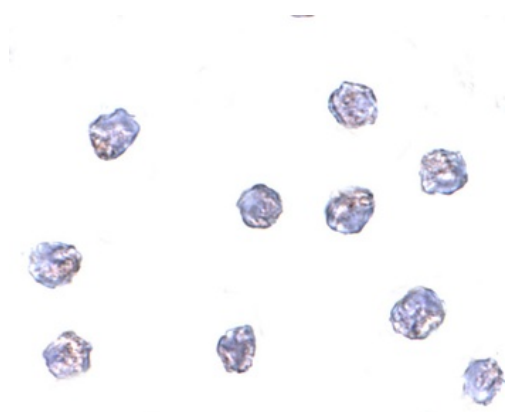
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Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



Western Blot Validation in Human THP-1 Cell Lysate. Loading: 15 μ g of lysates per lane. Antibodies: MPYS orb1239632 (Lane 1: 1 μ g/mL and Lane 2: 2 μ g/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



Western Blot Validation in Mouse A-20 Cell Lysate. Loading: 15 μ g of lysates per lane. Antibodies: MPYS orb1239632 (Lane 1: 1 μ g/mL and Lane 2: 2 μ g/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



Immunocytochemistry Validation of MPYS in Mouse A20 Cells. Immunocytochemical analysis of A20 cells using anti-MPYS antibody (orb1239632) at 5 μ g/ml. Cells was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4°C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.

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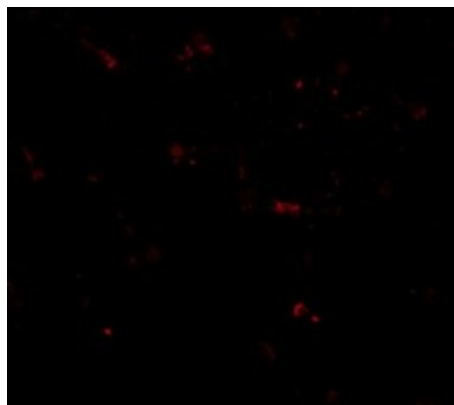
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Immunofluorescence Validation of MPYS in Moue A20 Cells.
Immunofluorescent analysis of 4% paraformaldehyde-fixed A20 Cells labeling MPYS with orb1239632 at 20 $\mu\text{g}/\text{mL}$, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (red).

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