

Product Datasheet

Phospho-MSK1 (Thr581) (A5) rabbit mAb FITC conjugate Antibody (orb1946220)

Catalog Number	orb1946220
Category	Antibodies
Description	MSK1 (mitogen and stress activated protein kinase 1, phospho MSK1) is activated by Erk in response to growth factors and by p38 in response to cellular stress (1). MSK1 is similar to RSK1 in that it has two kinase domains and a connecting regulatory linker region (2). S364/S381 phosphorylation activates RSK1 (3), which is analogous to residues S360 and S376 of MSK1, which may be important for phospho MSK1 activity.
Clonality	Monoclonal
Species/Host	Rabbit
Isotype	Rabbit IgG1k
Conjugation	FITC
Reactivity	Human, Mouse
Form/Appearance	Liquid
Buffer/Preservatives	1X PBS, 0.09% NaN ₃ , 0.2% rAlbumin
Purification	Protein A+G
Immunogen	A synthetic phospho-peptide corresponding to residues surrounding Thr581 of human phospho MSK1
UniProt ID	075582
Tested applications	FC

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)

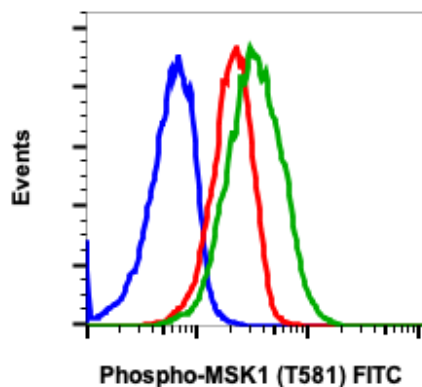
Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
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)

Dilution range	For flow cytometric staining, the suggested use of this reagent is 5 μ L per million cells or 5 μ L per 100 μ L of staining volume. It is recommended that the reagent be titrated for optimal performance for each application. See product image legends for additional information.
Cross Reactivity	Predicted to work with mouse, rat and other homologues.
Clone Number	MSK1T581-A5
Storage	2-8°C
Note	For research use only
Expiration Date	12 months from date of receipt.



Flow cytometric analysis of COS7 cells unstained and untreated (blue) or untreated (red) or treated with TPA + CalA (green) and stained using phospho-MSK1 (T581) antibody MSK1T581-A5 FITC conjugate. Cat. #orb1946220.

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NC 27713
United States

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