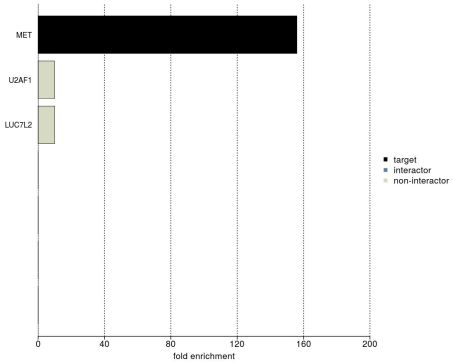
c-Met Monoclonal Antibody (3D4)

Product Details	
Size	500 µL
Species Reactivity	Human
Published Species	Human, Mouse
Host/Isotope	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	3D4
Conjugate	Unconjugated
Immunogen	Synthetic peptide derived from cytoplasmic domain of human c-Met protein.
Form	Liquid
Purification	purified
Storage buffer	PBS, pH 7.4, with 1% BSA
Contains	0.1% sodium azide
Storage Conditions	4° C
RRID	AB_2533047

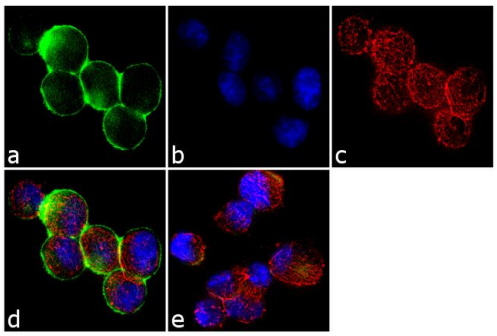
Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	1:250	2 Publications
Immunofluorescence (IF)	1:250	-
Immunohistochemistry (Paraffin) (IHC (P))	Assay Dependent	3 Publications
ELISA (ELISA)	-	1 Publication
Immunohistochemistry (IHC)	-	1 Publication
Miscellaneous PubMed (Misc)	-	1 Publication
Western Blot (WB)	-	5 Publications

Advanced Verification Data

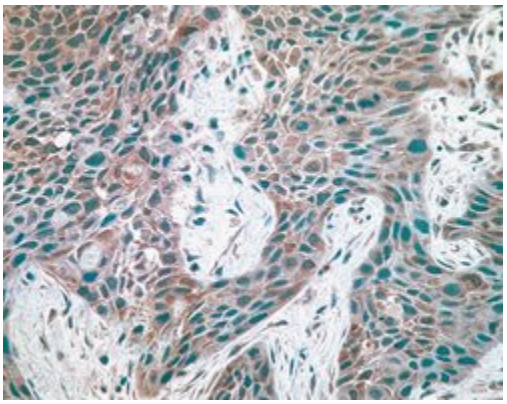


c-Met Antibody (18-7366)
IP-MS enrichment of MET (LFQ intensity): MET was enriched 156-fold from BT549 lysate compared to background proteins, using the optimized IP-MS workflow with Pierce MS-Compatible Magnetic IP Kit protein A/G (Product # 90409) and c-MET antibody (Product # 18-7366). The STRING database (www.string-db.org) was used to identify the protein interactor list. See more information on IP-MS verification of antibody selectivity. IP-MS validation info.

Product Images For c-Met Monoclonal Antibody (3D4)



c-Met Antibody (18-7366) in IF
Immunofluorescence analysis of c-Met was done on 70% confluent log phase MKN45 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled c-Met (3D4) Mouse Monoclonal Antibody (187366) at 1:250 dilution in0.1% BSA and incubated for 3 hours at room temperature and then labeled with Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A28175) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d is a merged image showing cytoplasmic localization. Panel e is a no primary antibody control. The images were captured at 60X magnification.



c-Met Antibody (18-7366) in IHC
Human breast carcinoma tissue stained with mouse anti-c-met antibody (18-7366).

View more figures on thermofisher.com

13 References

Immunocytochemistry (2)

Molecular cancer research : MCR

Development of a Novel c-MET-Based CTC Detection Platform.

"18-7366 was used in immunocytochemistry to elucidate a unique c-MET-based CTC detection platform"

Authors: Zhang T,Boominathan R,Foulk B,Rao C,Kemeny G,Strickler JH,Abbruzzese JL,Harrison MR,Hsu DS,Healy P, Li J,Pi C,Prendergast KM,Hobbs C,Gemberling S,George DJ,Hurwitz HI,Connelly M,Garcia-Blanco MA,Armstrong AJ

Species
Not Applicable

Dilution
Not Cited

Year
2016

Oncology reports

A novel c-Met inhibitor, MK8033, synergizes with carboplatin plus paclitaxel to inhibit ovarian cancer cell growth.

"18-7366 was used in Immunocytochemistry experiments to evaluate the role of the hepatocyte growth factor signalling pathway in ovarian cancer cell line chemoresistance and patient survival."

Authors: Marchion DC,Bicaku E,Xiong Y,Bou Zgheib N,Al Sawah E,Stickles XB,Judson PL,Lopez AS,Cubitt CL, Gonzalez-Bosquet J,Wenham RM,Apte SM,Berglund A,Lancaster JM

Species
Human

Dilution
1:2,000

Year
2013

Immunohistochemistry (1)

eLife

Hepatocyte Growth Factor-mediated satellite cells niche perturbation promotes development of distinct sarcoma subtypes.

"18-7366 was used in immunohistochemistry - paraffin section and western blot to analyze promotion of development of distinct sarcoma subtypes in hepatocyte growth factor-mediated satellite cells niche disruption"

Authors: Morena D,Maestro N,Bersani F,Forni PE,Lingua MF,Foglizzo V,Šepanovi P,Miretti S,Morotti A,Shern JF,Khan J,Ala U,Provero P,Sala V,Crepaldi T,Gasparini P,Casanova M,Ferrari A,Sozzi G,Chiarle R,Ponzetto C,Taulli R

Species
Human
Not Applicable

Dilution
Not Cited
Not Cited

Year
2016

Immunohistochemistry (Paraffin) (3)

eLife

Hepatocyte Growth Factor-mediated satellite cells niche perturbation promotes development of distinct sarcoma subtypes.

"18-7366 was used in immunohistochemistry - paraffin section and western blot to analyze promotion of development of distinct sarcoma subtypes in hepatocyte growth factor-mediated satellite cells niche disruption"

Authors: Morena D,Maestro N,Bersani F,Forni PE,Lingua MF,Foglizzo V,Šepanovi P,Miretti S,Morotti A,Shern JF,Khan J,Ala U,Provero P,Sala V,Crepaldi T,Gasparini P,Casanova M,Ferrari A,Sozzi G,Chiarle R,Ponzetto C,Taulli R

Species
Human
Not Applicable

Dilution
Not Cited
Not Cited

Year
2016

View more IHC (P) references on thermofisher.com

More applications with references on thermofisher.com

WB (5) **ELISA (1)** **Misc (1)**