

Organelle Markers

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Citation Support KO/KO Validation Comparable Abs Orthogonal Validation IP/MS Analysis

Nucleus

HDAC2 antibody (GTX109642)

Nucleolus

PAF49 antibody (GTX102175)

Microtubules

alpha Tubulin antibody (GTX112141)

Exosome

CD63 antibody (GTX28219)

Nuclear Envelope

Lamin A/C antibody (GTX101127)

Endosome

RAB7A antibody (GTX132548)

Endoplasmic Reticulum

GRP94 antibody (GTX103232)

Golgi Apparatus

GOLGA5 antibody [N2C2], Internal (GTX104255)

Actin

beta Actin antibody (GTX109639)

Mitochondria

COX4 antibody (GTX114330)

Centromere

gamma Tubulin antibody (GTX113286)

Cytoplasm

HSPA1A antibody (GTX110088)

Antibody List

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| Organelle | Cat. No. | Product Name | Clonality | Reactivity | Application |
|-------------------------------|-----------|------------------------------------|-----------|---|---|
| Actin | GTX109639 | beta Actin antibody | Rb pAb | Hu, Ms, Dm, Rat, Yeast, Cat, Rice, C. albicans | ICC/IF, IHC-P, IP, WB, IB |
| Cytoplasm | GTX11088 | HSPA1A antibody | Rb pAb | Hu, Ms, Rat | ICC/IF, IHC-P, IP, WB |
| Plasma membrane | GTX26528 | pan C adherin antibody [CH-19] | Ms mAb | Hu, Ms, Chk, Dog, Pig, Rat, Cat, Goat, Ggll, Hm, Rb, Sht, Shp, Sln, Bov | ICC/IF, IHC-P, WB |
| Endoplasmic Reticulum | GTX103232 | GRP94 antibody | Rb pAb | Hu, Ms, Rat | ICC/IF, IHC-P, IP, WB |
| | GTX109669 | Calnexin antibody [C3], C-term | Rb pAb | Hu, Ms, Rat, Shp | ICC/IF, IHC-P, IP, WB |
| Golgi Apparatus | GTX116154 | GOLPH2 antibody | Rb pAb | Hu | ICC/IF, IHC-P, WB |
| | GTX104255 | GOLGA5 antibody [N2C2], Internal | Rb pAb | Hu, Ms | ICC/IF, IHC-P, WB |
| Junction (Tight Junction) | GTX08613 | ZO-1 antibody [N1N2], N-term | Rb pAb | Hu, Ms | ICC/IF, IHC-P, WB |
| Junction (Gap Junction) | GTX05071 | Connexin 43 antibody | Rb pAb | Hu, Ms, Rat | IHC-P, WB |
| Centromere | GTX113286 | gamma Tubulin antibody | Rb pAb | Hu, Ms, Rat, Zfh | ICC/IF, IHC, IHC-Fr, IHC-P, IP, WB |
| Kinetochore (M phase) | GTX107155 | ZWINT antibody | Rb pAb | Hu | ICC/IF, WB |
| | GTX70268 | HEC1 antibody [9G3.23] | Ms mAb | Hu, Ms, Pig, Rat, Hm, Kg, AGMK | FACS, ICC/IF, IHC, IP, WB |
| Lysosome | GTX103214 | LAMP2 antibody | Rb pAb | Hu | ICC/IF, IHC-P, WB |
| | GTX110237 | GALNS antibody | Rb pAb | Hu, Ms, Rat | ICC/IF, IHC-P, WB |
| Endosome | GTX132548 | RAB7A antibody | Rb pAb | Hu, Ms, Rat | ICC/IF, IHC-P, WB |
| | GTX76184 | CD8 antibody [MM2/57] | Ms mAb | Hu | Fluorescence, FACS, IHC-Fr, WB |
| Exosome | GTX28219 | CD63 antibody [MEM-259] | Ms mAb | Hu | FACS, ICC/IF, IHC-P, IP, WB |
| | GTX10766 | CD81 antibody | Rb pAb | Hu | Blocking, FACS, ICC/IF, IHC-P, WB |
| | GTX70255 | TSG101 antibody [4A10] | Ms mAb | Hu, Ms, Mlk, Rat, Hm | ELISA, FACS, ICC/IF, IHC, IHC-P, IP, WB |
| Autophagosome | GTX127375 | LC3B antibody | Rb pAb | Hu, Ms, Pig, Rat | IP, FACS, ICC/IF, IHC-P, WB |
| | GTX100685 | SQSTM1 antibody [N3C1], Internal | Rb pAb | Hu, Ms, Rat, Zfh, Bov, Honeybee | FACS, ICC/IF, IHC-P, IP, WB |
| Microtubules/Spindle | GTX62802 | alpha Tubulin antibody [GT1114] | Ms mAb | Hu, Ms, Dm, Rat, Zfh | ICC/IF, IHC-Fr, IHC-P, WB |
| Mitochondria (Inner Membrane) | GTX114330 | COX4 antibody | Rb pAb | Hu, Ms, Rat | ICC/IF, IHC-P, WB |
| | GTX101305 | Prohibitin antibody | Rb pAb | Hu, Ms, Rat | ICC/IF, IHC-P, IP, WB |
| Mitochondria (Outer Membrane) | GTX104745 | VDAC2 antibody [C2C3], C-term | Rb pAb | Hu, Ms | ELISA, ICC/IF, IHC-P, IP, WB |
| Nuclear Envelope | GTX101127 | Lamin A + C antibody | Rb pAb | Hu, Ms, Rat | ICC/IF, IHC-P, IP, WB |
| | GTX102128 | POM121 antibody [N2N3] | Rb pAb | Hu | ICC/IF, IHC-P, WB |
| Nucleolus | GTX102175 | PAF49 antibody | Rb pAb | Hu | ICC/IF, IHC-P, WB |
| | GTX108749 | RPA70 antibody [C1C3] | Rb pAb | Hu, Ms | ICC/IF, IHC-P, IP, WB |
| | GTX100539 | PCNA antibody | Rb pAb | Hu, Ms, Rat | ICC/IF, IHC-P, IP, WB |
| Nucleus | GTX100513 | HDAC1 antibody | Rb pAb | Hu, Ms, Rat | ICC/IF, IHC-P, IP, WB, ChIP assay |
| | GTX109642 | HDAC2 antibody | Rb pAb | Hu, Ms, Rat | ICC/IF, IHC-P, IP, WB, ChIP assay |
| | GTX109749 | Vinculin antibody [N3C1], Internal | Rb pAb | Hu, Ms, Rat | IHC-P, WB |
| | GTX102156 | Cofilin 1 antibody | Rb pAb | Hu, Ms, Rat | WB, ICC/IF, IHC-P, IHC-Fr |
| | GTX104698 | Cyclophilin A antibody | Rb pAb | Hu, Ms, Rat, Hm | WB, ICC/IF, IHC-P |
| | GTX122148 | Histone H3 antibody | Rb pAb | Hu, Ms, Rat, Dm, Mlk, Funlg, Rice | WB, ICC/IF, IHC-P, IP, ChIP assay |
| Internal Controls | GTX110089 | HSP90 antibody | Rb pAb | Hu, Ms, Rat, Hm | WB, ICC/IF, IHC-P, ELISA |

More Antibodies

Citation Support KO/KO Validation Orthogonal Validation IP/MS Analysis

Tubulin

alpha Tubulin antibody [GT114] (GTX28802)

beta Tubulin antibody (GTX101219)

Actin

alpha Actin (skeletal muscle) antibody (GTX11982)

beta Actin antibody (GTX629630)

Mitochondria

COX4 antibody (GTX114330)

Prohibitin antibody (GTX101005)

Nucleus

PCNA antibody (GTX100539)

Histone H3 antibody (GTX122148)

Nucleolus

NLS2A antibody (GTX100973)

RPA70 antibody [C1C3] (GTX108749)

Nuclear Envelope

PCNMT1 antibody [N2N3] (GTX101127)

Cytoplasm

GTX108749

GTX101127

Endoplasmic Reticulum

Calnexin antibody [C3], C-term (GTX109669)

Golgi Apparatus

GOLPH2 antibody (GTX116154)

Lysosome

LAMP2 antibody (GTX103214)

Autophagosome

LC3B antibody (GTX127375)

SCBTM1 antibody (GTX60980)

