

# Product Datasheet

## Glyoxalase I Antibody (JU44-11) NBP2-75514

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-75514****Glyoxalase I Antibody (JU44-11)****Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	JU44-11
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	TBS (pH7.4), 0.05% BSA, 40% Glycerol
<b>Target Molecular Weight</b>	21 kDa

**Product Description**

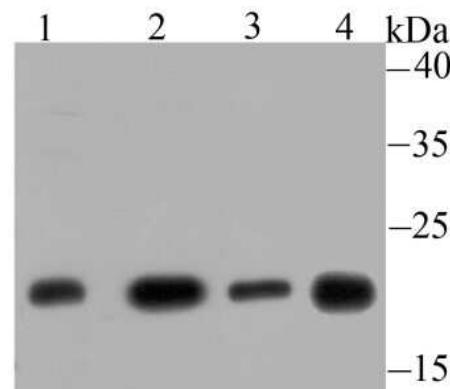
<b>Host</b>	Rabbit
<b>Gene Symbol</b>	GLO1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant protein within Human Glyoxalase I aa 1-120 / 184. (SwissProt: Q04760 Human; SwissProt: SwissProt: Q9CPU0 Mouse; SwissProt: SwissProt: Q6P7Q4 Rat)

**Product Application Details**

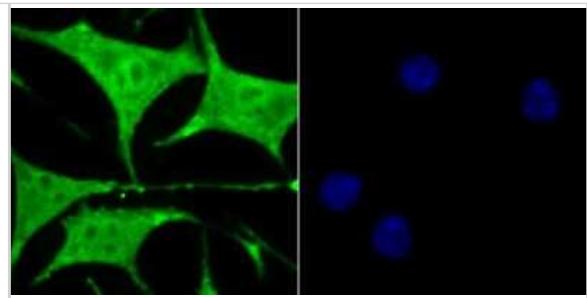
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:500

**Images**

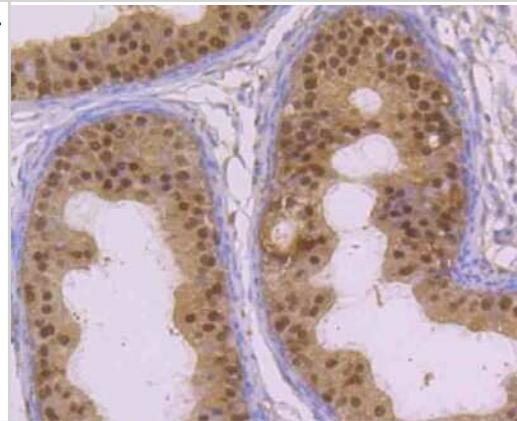
Western Blot: Glyoxalase I Antibody (JU44-11) [NBP2-75514] - Analysis of GLO1 on different lysates using anti-GLO1 antibody at 1/500 dilution. Positive control: Lane 1: Mouse testis tissue Lane 2: C2C12 Lane 3: 293 Lane 4: Rat spleen tissue



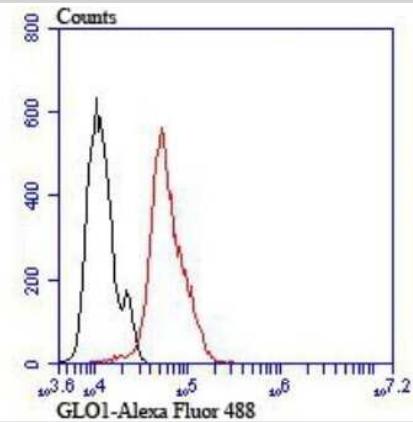
Immunocytochemistry/Immunofluorescence: Glyoxalase I Antibody (JU44-11) [NBP2-75514] - Staining GLO1 in SH-SY5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



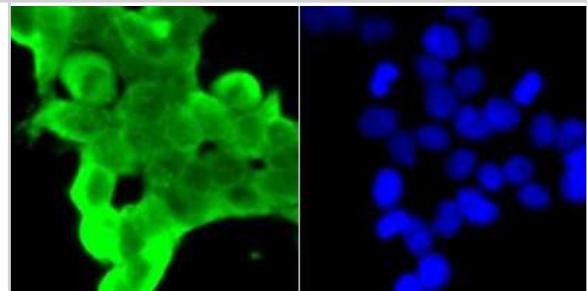
Immunohistochemistry-Paraffin: Glyoxalase I Antibody (JU44-11) [NBP2-75514] - Analysis of paraffin-embedded rat epididymis tissue using anti-GLO1 antibody. Counter stained with hematoxylin.



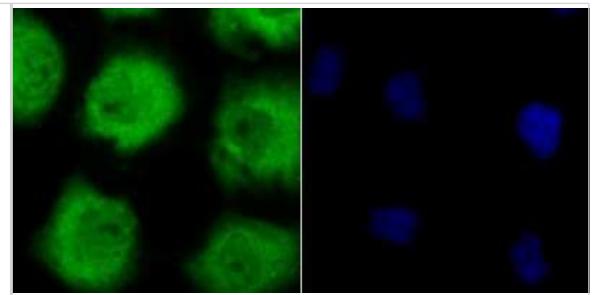
Flow Cytometry: Glyoxalase I Antibody (JU44-11) [NBP2-75514] - Analysis of HeLa cells with GLO1 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).



Immunocytochemistry/Immunofluorescence: Glyoxalase I Antibody (JU44-11) [NBP2-75514] - Staining GLO1 in 293T cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: Glyoxalase I Antibody (JU44-11) [NBP2-75514] - Staining GLO1 in HUVEC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: Glyoxalase I Antibody (JU44-11) [NBP2-75514] - Analysis of paraffin-embedded human thyroid gland tissue using anti-GLO1 antibody. Counter stained with hematoxylin.





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## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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