**Product datasheet**

**Anti-GLO1 antibody ab96032**

**Function**
Catalyzes the conversion of hemimercaptal, formed from methylglyoxal and glutathione, to S-lactoylglutathione.

**Pathway**
Secondary metabolite metabolism; methylglyoxal degradation; (R)-lactate from methylglyoxal: step 1/2.

**Sequence similarities**
Belongs to the glyoxalase I family.

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### Western blot - Anti-GLO1 antibody (ab96032)

**All lanes**: Anti-GLO1 antibody (ab96032) at 1/1000 dilution

- **Lane 1**: 293T whole cell lysate
- **Lane 2**: A431 whole cell lysate
- **Lane 3**: H1299 whole cell lysate
- **Lane 4**: HeLa whole cell lysate
- **Lane 5**: HepG2 whole cell lysate
- **Lane 6**: MOLT4 whole cell lysate
- **Lane 7**: Raji whole cell lysate

Lysates/proteins at 30 µg per lane.

**Predicted band size**: 21 kDa

12% SDS PAGE
Immunohistochemical analysis of GLO1 in paraffin embedded human ovarian carcinoma tissue, using ab96032 at a 1/100 dilution.

Immunofluorescence analysis of GLO1 in paraformaldehyde fixed HeLa, using ab96032 at a 1/200 dilution. Lower image: merged with DNA probe.

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