**Background**
Ficain known also as ficain (EC=3.4.4.12) is a plant protease which enzymatic activity depends upon cysteine residue (cysteine endopeptidase). It is used to differentiate blood antigens. Alternative names: debricin, higueroxyl delabarre.

**Immunogen**
native ficin isolated and purified from *Ficus glabrata*

**Host**
Rabbit

**Clonality**
Polyclonal

**Purity**
Purified IgG

**Format**
Lyophilized in phosphate buffer saline

**Quantity**
10 mg

**Reconstitution**
For reconstitution add 1 ml of sterile destilled water.

**Storage**
Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.

**Tested applications**
ELISA (ELISA), Immunofluorescence (IF), Immunohistochemistry (IHC), Western blot (WB)

**Related products**
- **AS09 551 | anti-ficain (ficin) biotinylated**
- **AS09 545 | anti-PPI | papain**
- **AS09 546 | anti-PPI | papain (biotinylated)**
- **AS09 547 | anti-PPI | papain (affinity purified)**
- **Plant protein extraction buffer**
- **Secondary antibodies**

**Additional information**
Antibody potency and purity has been evaluated by immunoelectrophoresis, single radial immunodiffusion (Ouchterlony), ELISA, immunoblotting and enzyme inhibition.

**Application information**

**Recommended dilution**
1 : 1000-1 : 1000 (ELISA), (IF), (IHC), (WB)

**Confirmed reactivity**
Ficus glabrata

**Predicted reactivity**
Ficus glabrata

**Not reactive in**
No confirmed exceptions from predicted reactivity are currently known.

**Additional information**
The IgG (7S) fraction is prepared from the antiserum by ammonium sulphate precipitation and ion exchange chromatography.

**Selected references**
to be added when available