Background Ficin is known as ficain (EC=3.4.4.12) and is a plant protease whose enzymatic activity depends on a 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 distilled 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