

Product datasheet

Anti-Saporin antibody (HRP) ab42903

製品の概要

製品名	Anti-Saporin antibody (HRP)
製品の詳細	Goat polyclonal to Saporin (HRP)
由来種	Goat
標識	HRP
特異性	ab42903 recognises saporin.
アプリケーション	適用あり: IHC-Fr
種交差性	Reacts with Saponaria officinalis (Soapwort). Not yet tested in other species.
免疫原	Chemical/ Small Molecule corresponding to Saporin.
特記事項	The antibody was coupled to Horseradish Peroxidase (HRP) and dialysed against PBS.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	Preservative: Azide Free Constituents: PBS, pH 7.4
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab42903** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
IHC-Fr		1/350 - 1/1000.

ターゲット情報

関連性

Saporin is obtained from the seeds of the Soapwort plant (*Saponaria officinalis*), a plant that grows wild in Britain and other parts of Europe. Saporin is a plant enzyme with N-glycosidase activity that deurinates a specific nucleotide in the ribosomal RNA 28S, thus irreversibly blocking protein synthesis. It belongs to the well-characterized family of ribosome-inactivating proteins (RIPs). There are two types of RIPs: type I, which are much less cytotoxic due to the lack of the B chain and type II, which are distinguished from type I RIPs by the presence of the B chain and their ability to enter cells on their own. However, type I RIPs can still be internalized by fluid-phase endocytosis. In the case of saporin, it was reported that saporin first binds to the alpha 2 macroglobulin receptor on human cells and is then internalized to the cytosol. Upon internalization, the ribosomes are inactivated, resulting in cell death. Among all type I RIPs saporin SO6 is the most widely used because it is easily obtainable and very stable.

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