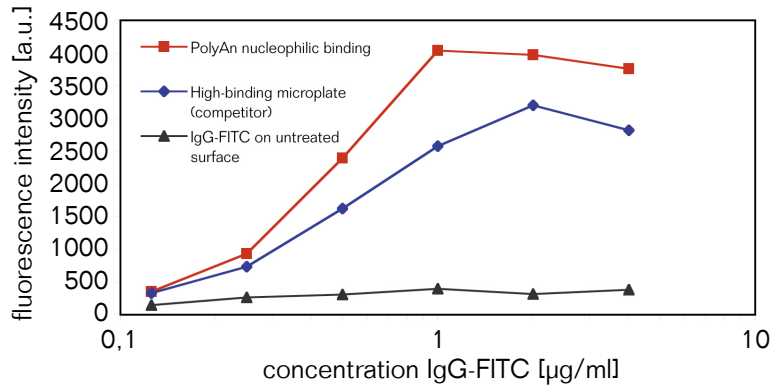


Amine-binding microplates

PolyAn's Amine-binding microplates are useful for immobilizing biomolecules that inefficiently coat by passive adsorption. PolyAn offers amine-binding surfaces, providing a **convenient method to covalently immobilize biomolecules**, e.g. proteins, peptides, amino-modified oligonucleotides or other ligands.

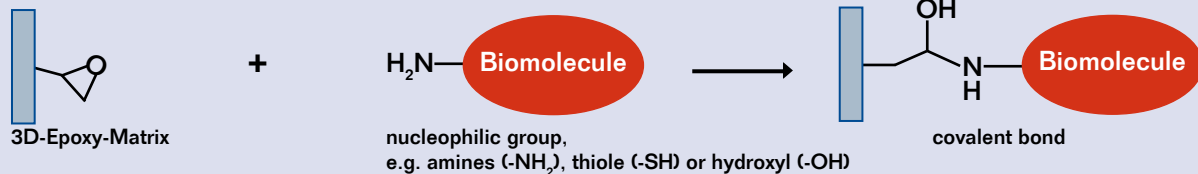
IgG-FITC immobilization on PolyAn 3D-surfaces versus a passive/adsorptive binding surface



PolyAn nucleophilic binding

Key Features

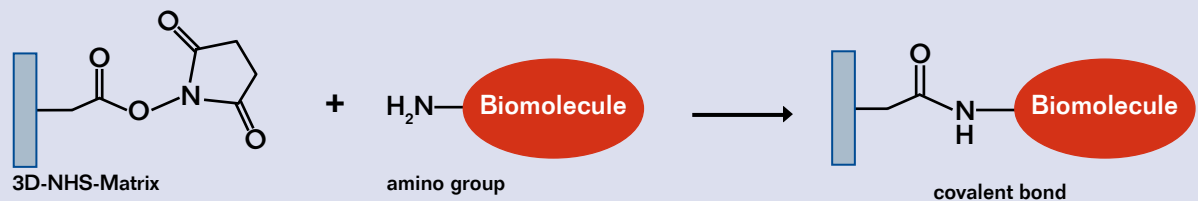
- For covalent immobilization of biomolecules
- Reacts with nucleophilic groups, e.g. amines, thiole and hydroxyl groups, under formation of a covalent bond
- Uncharged surface with integrated low fouling matrix
- Long shelf-life of up to two years



PolyAn amino binding

Key Features

- Highly reactive surface for fast coupling of primary amines
- A direct, simple approach to covalently attach molecules to the well surface of a microplate



High Performance Consumables

PolyAn is a nanotechnology company specialized in the modification of surfaces using Molecular Surface Engineering (MSE). Since 1996 PolyAn develops and manufactures consumables for multiplex diagnostic and LifeScience research.

Molecular Surface Engineering Services

PolyAn is able to equip almost any substrate with our reactive matrices for selective immobilization and antifouling surfaces for the reduction of cell adhesion and unspecific binding, respectively. As part of our Molecular Surface Engineering services, we offer functionalized consumable and substrate materials for OEM applications, which are tailored to specified customer requirements.

We are looking forward to your telephone orders and technical enquiries at our Customer Service and Technical Service Department Monday-Friday. Office hours for telephone enquiries are 9:00 AM to 6:00 PM (Central European Time). Please mention billing and shipping addresses, product-ID, quantity, your phone number or e-mail and name.

Distributors

**USA, Canada,
Mexico**

AutoMate Scientific, Inc. (USA)

Tel +1 (0)800 998.6283
+1 (0)510 845.6283
Fax +1 (0)510 280-3795
Email info@autom8.com

China

Beijing Thinkout Sci-Tech Co. Ltd.

Tel +86-13901326227
Email yuxb@pmbio.cn

**Singapore,
Malaysia**

Sciencewerke Pte. Ltd. (Singapore)

Tel +65 (0)6777 1045
Fax +65 (0)6777 3054
Email jason@sciencewerke.com

Korea

Kyongshin Scientific Co., Ltd.

Tel +82-2-576-6303
Fax + 82-2-576-6309
Email lee@kyongshin.co.kr

Taiwan

Bio-cando inc., Taiwan

Tel +886 (0)3 211-8079
Email bio-cando@promogene.com.tw

Israel

Moshe Stauber Biotec Applications

Tel +972-8-936 70 01
Fax +972-8-936 70 02
Email stauber1@zahav.net.il

Japan

CytoTechs, inc.

Tel +81-29-834-7788
Fax +81-29-834-7772
Email j.ijima@cytotechs.com

Italy

K.F. Technology Srl

Tel +39 06 454.34.179
Fax +39 069725.3131
Email fabrizio@kftechnology.it