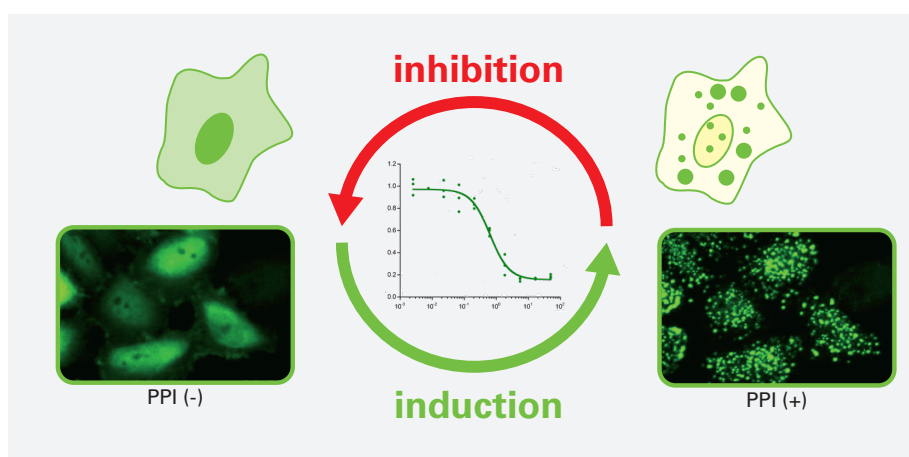


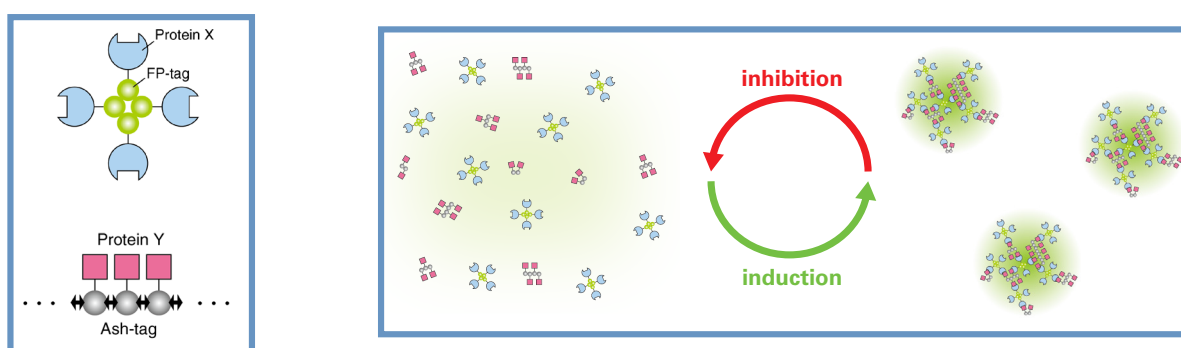
Fluoppi

- Protein-Protein Interaction
- No need for optimizing linker!
- High throughput drug discovery system

Fluoppi (Fluorescent based technology detecting Protein-Protein Interaction) is a novel technology used to detect PPI in living cells with a high signal to noise ratio. The result is a bright, clear analyzable image. Fluoppi detects PPI as the absence or presence of fluorescent foci during inhibition or induction, respectfully. The Fluoppi advantage is the ease of the construction of the PPI detection system. There is no need for optimizing the linker.



How does Fluoppi work?



Using Fluoppi technology is easy and provides clear, distinct results. First, make your constructs, conjugating your Protein X to our FP-tag and conjugating your Protein Y to our Ash-tag. Soon, you can test various conditions to see which provides the most optimal fluorescence. Add inhibitors or activators and watch real time protein-protein interaction events. You will be able to easily and quickly recognize when your Protein X and Y are interacting and make accurate measurements. Drive your research further using Fluoppi technology for drug discovery, high throughput screening, and other applications.

Premade products are now available!

BclXL/BAK	Mcl1/BAK	p50/p65	mCAB/FKBP12
BclXL/BAX	Mcl1/BAX	Calcineurin/IVIT pep	JNK/JIP
Bcl2/BAK	p53/MDMX	p21/CDK4/CyclinD1	p21/PCNA
Bcl2/BAX	p50/p65/IKBa	CDK5/p25	XIAP/Smac

Code no.	Product	Volume
AM-9012	Fluoppi : Ash-hAG [p53-MDM2]	10 µg each
AM-8202	Fluoppi : Ash-hAG [mTOR-FKBP12]	10 µg each
AM-8012M	Fluoppi Ver.2 : Ash-Red (Ash-MNL/MCL + Monti-Red-MNL/MCL)	10 µg each
AM-8011M	Fluoppi Ver.2 : Ash-hAG (Ash-MNL/MCL + hAG-MNL/MCL)	10 µg each

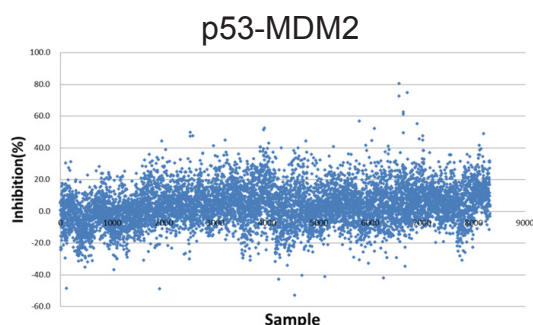
Example of Fluoppi results

Fluoppi technology results in a robust signal, allowing for a successful and accurate High Throughput Screening (HTS) campaign. The data below is a pilot screening of 4,000 compounds analyzing two different targets. Reasonable primary HITs were identified using Fluoppi. This data is kindly provided by Daiichi-Sankyo RD Novare Co., Ltd.

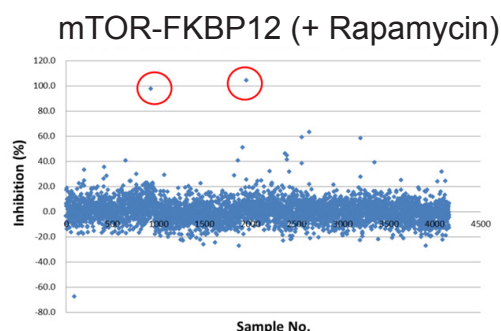
Z' value of DMSO plate

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	-2	-10	-6	-9	-15	18	-12	-6	1	9	1	-11	15	-1	4	-31	-7	-6	-1	4	2	-16	96	99					
2	11	11	0	20	6	16	3	6	13	8	22	0	14	18	-8	-2	7	-2	31	23	13	11	100	96					
3	1	6	0	-5	12	12	-2	1	3	-8	4	13	16	-1	-7	5	-7	14	-1	6	-7	4	99	100					
4	1	-2	-16	-17	-11	11	-12	0	3	8	6	7	7	3	1	-3	4	-3	14	6	16	-4	101	102					
5	-10	7	-5	2	1	-16	8	2	-2	1	3	-8	-4	4	-2	-11	-12	-2	10	-7	-2	0	103	101					
6	-17	-11	7	9	-4	-8	2	-3	4	4	-4	-6	-13	5	4	2	-5	0	2	-18	3	-2	100	102					
7	-7	2	-2	-6	6	11	-9	2	5	-4	0	4	10	1	-4	3	-9	-18	8	-1	-2	-2	100	102					
8	7	-7	2	-7	5	-9	3	3	-4	3	5	5	-3	0	-11	-2	2	12	0	-3	5	-10	101	100					
9	-2	-5	6	19	-4	25	-7	1	-8	-5	17	-12	5	-6	1	-4	1	-15	8	-10	3	4	101	101					
10	-1	3	-5	8	-2	-16	5	10	-3	12	0	-1	5	-8	-3	0	15	-3	14	-7	17	-19	100	102					
11	-5	6	15	7	12	-2	2	-1	-3	-1	-3	-2	7	-3	-9	-5	-7	2	-1	10	4	-3	97	98					
12	-10	-3	-6	6	-2	8	-5	6	8	-5	1	-9	-7	-7	-4	-2	4	0	8	-5	5	3	102	101					
13	4	-2	1	13	-9	-13	6	-3	13	13	0	-8	-12	-1	-4	1	13	8	-1	0	-21	-3	101	98					
14	8	-9	5	-12	3	17	-1	3	-2	3	7	1	1	-4	1	11	5	3	-9	-1	0	-22	100	100					
15	5	10	-1	20	1	8	2	9	7	-7	3	4	-13	1	13	-6	9	5	5	-3	2	-2	99	100					
16	3	14	3	15	19	24	-2	6	-2	18	7	7	-3	-4	10	-3	-11	-12	-14	3	-7	10	99	99					

Max: 31%, Min: -31%, SD:8.7%, Z'=0.72



Primary Hit Rate = 0.12%



Primary Hit Rate = 0.14%

We are always here to discuss and help you with your PPI research. We understand each experimental setup is unique and can work with you for your exact specifications and requirements. Contact us today!

For Research Use Only. Not for use in diagnostic procedures.